

ANADARKO PRODUCTION #1-~~71395~~
NW NW 3-35N-30E Apache County 395

M-10

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

New Well Work-Over Deepen Plug Back Same Reservoir Different Reservoir Oil Gas Dry

DESCRIPTION OF WELL AND LEASE

Operator ANADARKO PRODUCTION COMPANY		Address P. O. BOX 9317, FORT WORTH, TEXAS	
Federal, State or Indian Lease Number or name of lessor if fee lease 14-20-0603-8897		Well Number 1-135	Field & Reservoir WILDCAT
Location 440' FN & 950' FWL		County APACHE	
Sec. TWP-Range or Block & Survey 3-35N-30E			
Date spudded 4-13-67	Date total depth reached 5-2-67	Date completed, ready to produce 5-2-67	Elevation (D.F., R.C.B., RT or Gr.) 8130GL 8143KB feet
Total depth 4242	P.B.T.D. NONE	Single, dual or triple completion? DRY HOLE	Elevation of casing hd. flange 8130 feet
Producing interval (s) for this completion NONE		Rotary tools used (interval) SURFACE TO TD	Cable tools used (interval)
Was this well directionally drilled? No	Was directional survey made? No	Was copy of directional survey filed?	Date filed
Type of electrical or other logs run (check logs filed with the commission) IE/LOG, GR-DENSITY LOG, SONIC-CALIPER LOG			Date filed 5-12-67

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)						
Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Am't. pulled
SURFACE	13 1/4	9-5/8	36# H-40	427	250 SX	NONE

TUBING RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
in.	ft.	ft.	in.	ft.	ft.		
NONE							

LINER RECORD

PERFORATION RECORD				ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD			
Number per ft.	Size & type	Depth Interval		Am't. & kind of material used		Depth Interval	
NONE							

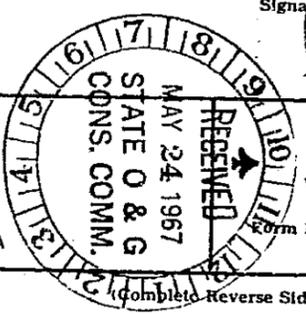
INITIAL PRODUCTION

Date of first production NONE		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)					
Date of test	Hrs. tested	Choke size	Oil prod. during test	Gas prod. during test	Water prod. during test	Oil gravity	
			bbls.	MCF	bbls.	* API (Corr)	
Tubing pressure	Casing pressure	Cal'ated rate of Production per 24 hrs.	Oil	Gas	Water	Gas-oil ratio	
			bbls.	MCF	bbls.		

Disposition of gas (state whether vented, used for fuel or sold):

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the J. N. CHAFFIN of the ANADARKO PRODUCTION COMPANY (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date 5-23-67 Signature J. N. Chaffin
J. N. CHAFFIN
 PRODUCTION RECORDS SUPVR.



STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Well Completion or Recompletion Report and Well Log
 Form No. 4 File One Copy

Permit No. **395** STATE OF ARIZONA

(Complete Reverse Side)

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
ANETH-DEVONIAN	4014	4242	<p>DST - 1</p> <p>TOOL OPEN 45 MIN. RECOVERED 30 MCFD OF INERT GAS. IBHSIP (45 MIN.) 975 PSIG, IBHP 199 PSIG, FBHSIP (45 MIN) 975 PSIE.. RECOVERED 425' OF INERT GAS/CUT DRILLING MUD.</p> <p>DECHELLY 980' HERMOSA 2858' BARKER CREEK 3201' BLACK SHALE MARKER 3327' MISSISSIPPIAN 3590' DEVONIAN 3769' MCCRACKEN 3917' ANETH 4010' PRE-CAMBRIAN 4112'</p> <p>LOGS WERE SUBMITTED 5-12-67</p>

* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

PLUGGING RECORD

Operator ANADARKO PRODUCTION COMPANY		Address P. O. Box 9317, FORT WORTH, TEXAS			
Federal, State, or Indian Lease Number, or lessor's name if fee lease.		Well No. 1-135	Field & Reservoir WILDCAT		
Location of Well 440' FN & 950' FWL, SEC. 3-35N-30E		Sec-Twp-Rge or Block & Survey		County	
Application to drill this well was filed in name of ANADARKO PRODUCTION COMPANY	Has this well ever produced oil or gas No	Character of well at completion (initial production): Oil (bbls/day) --	Gas (MCF/day) --	Dry? YES	
Date plugged: 5-2-67	Total depth 4242'	Amount well producing when plugged: Oil (bbls/day) NONE	Gas (MCF/day) NONE	Water (bbls/day) NONE	
Name of each formation containing oil or gas. Indicate which formation open to well-bore at time of plugging	Fluid content of each formation	Depth interval of each formation	Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount cement		
DEVONIAN-ANETH	NON-COMB GAS	4010-4110	40 sx 3900-4150		
<i>(See Sealed Record)</i>					

CASING RECORD

Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped, etc.)	Packers and shoes
9-5/8	414 GL	0	414 GL		427' KB

Was well filled with mud-laden fluid, according to regulations? Indicate deepest formation containing fresh water.

NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE

Name	Address	Direction from this well:
KERR-MCGEE	KERR-MCGEE BLDG., OKLAHOMA CITY	NORTH
KERR-MCGEE	KERR-MCGEE BLDG., OKLAHOMA CITY	WEST
ANADARKO PRODUCTION Co.	P. O. Box 9317	SOUTH

In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and a letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.

NOT APPLICABLE

Use reverse side for additional detail.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the **PRODUCTION RECORDS SUPERVISOR** of the

ANADARKO PRODUCTION COMPANY (company) and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date **MAY 5, 1967**

Signature

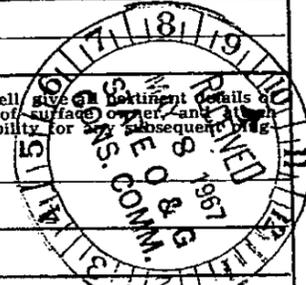
J. N. CHAFFIN

**STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION**

Plugging Record
File One Copy

Permit No. **395**

Form No. 10



APPLICATION TO ABANDON AND PLUG

FIELD WILDCAT
OPERATOR ANADARKO PRODUCTION COMPANY ADDRESS P. O. Box 9317
Federal, State, or Indian Lease Number or Lessor's Name if Fee Lease NAVAJO 14-20-0603-8897 WELL NO. 1-135
SURVEY _____ SECTION 3-35N-30E COUNTY APACHE
LOCATION 440' FN & 950' FWL

TYPE OF WELL DRY HOLE (Oil, Gas or Dry Hole) TOTAL DEPTH 4242'
ALLOWABLE (If Assigned) NONE
LAST PRODUCTION TEST OIL 0 (Bbls.) WATER 0 (Bbls.)
GAS 0 (MCF) DATE OF TEST --
PRODUCING HORIZON NONE PRODUCING FROM NONE TO _____

1. COMPLETE CASING RECORD WELL SPUDED 4-13-67 @ 6:30 P.M.
SET 427' (KB) OF 9-5/8 36# H-40 CEMENTED W/250 SX CIRCULATED TO SURFACE

2. FULL DETAILS OF PROPOSED PLAN OF WORK VERBAL NOTICE GIVEN TO PLUG & ABANDON THIS WELL
ON 5-2-67 AND VERBAL APPROVAL RECEIVED 5-2-67

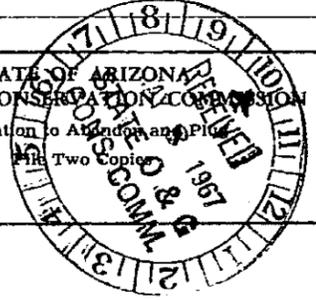
If well is to be abandoned, does proposed work conform with requirements of Rule 202? Yes If not, outline proposed procedure above.

DATE COMMENCING OPERATIONS 5-2-67
NAME OF PERSON DOING WORK HALIBURTON ADDRESS FARMINGTON, NEW MEXICO
CORRESPONDENCE SHOULD BE SENT TO J. N. CHAFFIN *J N Chaffin*
Name
PRODUCTION RECORDS SUPERVISOR
Title
P. O. Box 9317, FORT WORTH, TEXAS
Address
MAY 5, 1967
Date

Date Approved 5-11-67
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: *John J. Sammeter*

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Abandon and Plug
File Two Copies
MAY 11 1967
Form No. 9

Permit No. 395



OK
9/21

SUNDY NOTICES AND REPORTS ON WELLS

1. Name of Operator ANADARKO PRODUCTION COMPANY
 2. OIL WELL GAS WELL OTHER (Specify) DRILLING WELL
 3. Well Name NAVAJO 1-135
 Location 440' FN & 950' FWL
 Sec. 3 Twp. 35N Rge. 30E County. APACHE Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease NAVAJO 14-20-0603-8897

5. Field or Pool Name WILDCAT

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <input type="checkbox"/>	ABANDONMENT <input checked="" type="checkbox"/>
(OTHER) <u>PROGRESS REPORT</u> <input type="checkbox"/>			

ELEVATION: 8130' GL
8143' KB

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

SPUDED 4-13-67. SET 9-5/8" OD, H40, 36 LB CSG AT 427' KB & CMTD WITH 250 SK CMT, GOOD CMT RETURNS TO SURFACE. DRILLED 8-3/4" HOLE TO TD 4242'. RAN SCHL IE/LOG, GR-DENSITY LOG & SONIC-CALIPER LOG. RAN DST #1: OH 4014'-4242' (ANETH-DEVONIAN), RECOVERED 30 MCFPD OF INERT GAS. SET 40 SK CMT PLUG 3900'-4150', SET 60 SK CMT PLUG 3550'-3800', SET 30 SK CMT PLUG 2850'-2950', SET 50 SK CMT PLUG 1650'-1750', SET 30 SK CMT PLUG 950'-1050', SET 20 SK CMT PLUG 400'-450', SET 10' CMT PLUG IN TOP OF 9-5/8" OD CSG, PUT STEEL PLATE ACROSS TOP OF 9-5/8" OD CSG, INSTALLED 4" OD PIPE MONUMENT. HOLE LOADED WITH DRILLING MUD. PLUGGED & ABANDONED 5-3-67.



8. I hereby certify that the foregoing is true and correct.

Signed J. N. CHAFFIN Title PRODUCTION RECORDS SUPERV. Date MAY 5, 1967

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies
 Form No. 25

Permit No. 395

RECEIVED
MAY 15 1967
EXPLORATION DEPT.
FORT WORTH

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS
May 12, 1967

Page 1 of 1

File RFL 4400

Company Anadarko Production Company Formation Devonian
Well Navajo No. 1-135 County Apache
Field _____ State Arizona

HYDROCARBON ANALYSIS OF Drill Stem Test GAS SAMPLE

COMPONENT	MOL PER CENT	G P M
Hydrogen	Trace	
Helium	6.23	6%
Hydrogen Sulfide	Nil	
Carbon Dioxide	1.43	
Nitrogen	92.18	
Methane	0.14	
Ethane	0.01	
Propane	0.01	
iso-Butane	Trace	
n-Butane	Trace	
iso-Pentane	Nil	
n-Pentane	Nil	
Hexanes	Nil	
Heptanes plus	Nil	
	100.00	

Calculated gas gravity (air = 1.000) = 0.923

Core Laboratories, Inc.
Reservoir Fluid Division

P. L. Moses
P. L. Moses
Operations Supervisor



#395

This report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations as to the productivity, proper operation or safety of any well or other mineral well or sand in connection with which such report is used or relied upon.

SUNDY NOTICES AND REPORTS ON WELLS

1. Name of Operator ANADARKO PRODUCTION COMPANY

2. OIL WELL GAS WELL OTHER (Specify) DRILLING WELL

3. Well Name NAVAJO I-135
 Location 440' FN & 950' FWL
 Sec. 3 Twp. 35N Rge. 30E County APACHE, Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease NAVAJO 14-20-0603-8897

5. Field or Pool Name WILDCAT

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <input type="checkbox"/>	ABANDONMENT <input type="checkbox"/>
(OTHER) <u>PROGRESS REPORT</u>			

ELEVATION: 8130' GL
8143' KB

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

DESCRIPTION OF WORK PERFORMED:

WELL SPUDED 4-13-67 @ 6:30 P.M.
 SET 427' (KB) OF 9-5/8 36# H-40 CEMENTED W/250 SX CIRCULATED TO SURFACE
 4-30-67 TD 4198'



8. I hereby certify that the foregoing is true and correct.

Signed [Signature] Title PRODUCTION RECORDS SUPVR. Date 5-2-67

Permit No. 395

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies
 Form No. 25

WELL SITE CHECK

By JRS
Date 5-2-67

Contractor LOFFLAND BROS. Person(s) Contacted _____
 Spud Date _____
 Type Rig Rotary Cable Tool Present Operations LOGGING -
 Samples Deliver to Farmington Cat
 Pipe SET 9 5/8" To 427' Drilling with Air Mud
 Water Zones _____ Size Hole 8 3/4 To TD
 Lost Circ. Zones _____ Size Drill Pipe _____
 Formation Tops _____ Type Bit Used 24 Bits in all
 Cores, Logs, DST _____ No. Bit _____
 _____ Formation TD at 4242 DRL } IN
 _____ TD at 4244 5ch } granite
 _____ Lithology _____

REMARKS, PHOTO, MAP LOCATION is about 100' OFF MOUNTAIN ROAD leading from LuKachukai. Ran density log; IE log; Sonic logs.

Thickness De Chelly 733'.
 Top Dechelly 843KB
 2 → 987
 +7156 (153' high to Kett Mc #1)

- Top Devonian Elbert 3768
- McCracken 3920
- Devonian Aneth 4014
- pE Granite 4120

Base De Chelly 1720 152' high to Kett Mc #1

Hermosa 2867
 Barker CK Zone 3200

Sill expected about 3517 (HAD NO SILL IN THIS WELL)

Miss 3600 (+4543) 170' high to Kett #1

DST #1 Aneth (Devonian) Formation
 4014 - 4242 : Open 10 min Good blow air;
 SI 45 min. ; Open 45 min ; Good blow air
 est 30 mcf. Rec 425' GC Mud HI 2051
 15IP 975 - PSIP 975 ; FP 199-232 ; FH 2051

WELL NAME
Anadaeko Production Navajo 1-135

Pernit No. _____
 Confidential: yes (No)

395

4-28-67 Telcon

~~_____~~ P.I.

Reports Anadarko publishes

Sample tops:

1190

de chelly ←

987 Top DeChelly

3515

syenite sill ←

No sill present

JRS

Geologist sitting well
thought from samples,
had hit sill. However
logs did not confirm

351

WELL SITE CHECK

By JVB
Date 4-24-67

Contractor Loffland Bros (Rig # 20) Person(s) Contacted _____

Spud Date 4-13-67 (6:30 pm)

Type Rig National T-32 Rotary Cable Tool _____ Present Operations Drilling at 2420'

Samples _____

Pipe _____

Drilling with Air Mud

Water Zones _____

Size Hole 8 3/4"

Lost Circ. Zones _____

Size Drill Pipe _____

Formation Tops _____

Type Bit _____

Cores, Logs, DST _____

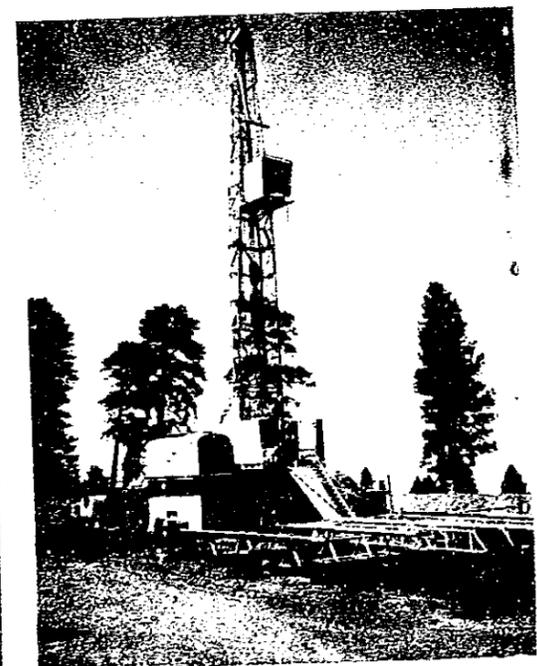
No. Bit 9 Drilling _____
Ests _____

Crews 4 men - 3 tours

Formation _____

Lithology _____

REMARKS, PHOTO, MAP



Set 422' surface 10 3/4"
Surface hole 13 1/4"
Bits making from 200' to
300' each

Proper SIGN on location
No Permit No Show
Only crew present - no
Anadarko personnel
Were making trip.

Geologist staying at Glencliff
Rm 107 - unable to contact

WELL NAME Anadarko Production #1-135 Navajo
10 NW NW 3 35N 30E
440 E1N 950 F W E

Permit No. 395
Confidential Yes

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL

RE-ENTER OLD WELL

ANADARKO PRODUCTION COMPANY

NAME OF COMPANY OR OPERATOR

P. O. Box 9317

FORT WORTH
City

TEXAS 76107
State

Address

NOT SELECTED

Drilling Contractor

Address

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor

NAVAJO 14-20-0603-8897

Well number

1-135

Elevation (ground)

8127 (UNGRADED)

Nearest distance from proposed location to property or lease line:

440 feet

Distance from proposed location to nearest drilling completed or applied—for well on the same lease:

NONE feet

Number of acres in lease:

640

Number of wells on lease, including this well, completed in or drilling to this reservoir:

NONE

If lease, purchased with one or more wells drilled, from whom purchased:

Name

Address

Well location (give footage from section lines)

440' FNL & 950' FWL

Section—township—range or block and survey

3 35N 30E

Dedication (Comply with Rule 105)

SEE PLAT ATTACHED *11/2 NW/4*

Field and reservoir (if wildcat, so state)

WILDCAT

County

APACHE

Distance, in miles, and direction from nearest town or post office

11 MILES SOUTH RED ROCK TRADING POST, ARIZONA

Proposed depth:

4500'

Rotary or cable tools

ROTARY

Approx. date work will start

UPON APPROVAL

Bond Status INDIVIDUAL WELL BOND

Amount \$5,000.00

Organization Report

On file Or attached YES

Filing Fee of \$25.00

Attached YES

Remarks:

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the REGION PRODUCTION SUPERINTENDENT of the

ANADARKO PRODUCTION COMPANY (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature *E. V. Bond*
E. V. BOND

Date MARCH 31, 1967

Permit Number: 395

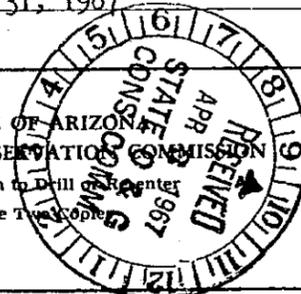
Approval Date: 4-4-67

Approved By: *John Vannister*

Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

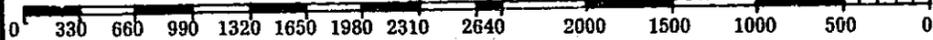
Form No. 3

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Drill or Re-enter
File Two Copies



1. Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
2. A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
3. All distances shown on the plat must be from the outer boundaries of the Section.
4. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES NO
5. If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES NO If answer is "yes," Type of Consolidation _____
6. If the answer to question four is "no," list all the owners and their respective interests below:

Owner	Land Description
SEE PLAT ATTACHED	<p style="text-align: center;">CERTIFICATION</p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <p>Name E. V. BOND</p> <p>Position REGION PRODUCTION SUPT.</p> <p>Company ANADARKO PRODUCTION CO.</p> <p>Date MARCH 31, 1967</p> <p>I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p> <p>Date Surveyed 3-28-67</p> <p>Registered Professional Engineer and/or Land Surveyor ERNEST V. ECHOHAWK</p> <p>Certificate No. 2311</p>



PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
9-5/8"	36#	H-40	SURFACE	400	400	200
7"	20#	J-55	"	4500	4500	200

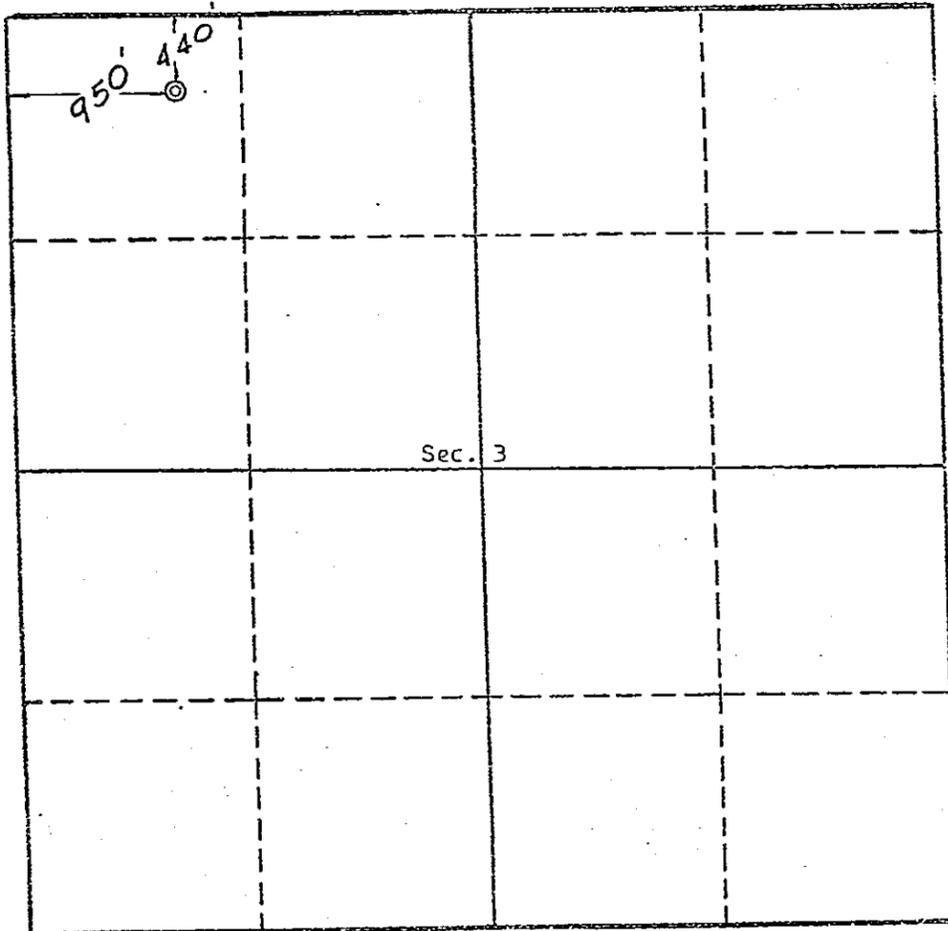
Company ANADARKO PRODUCTION COMPANY

Well Name & No. Navajo 1-135

Location 440 feet from the North line and 950 feet from the West line.

Sec. 3, T. 35 N., R. 30 E., G. & S. R. M., County Apache, Arizona

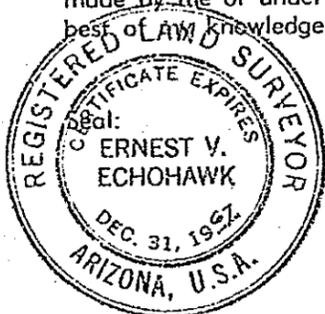
Ground Elevation 8127, ungraded.



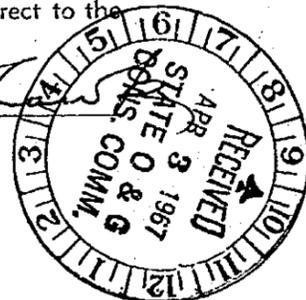
Scale, 1 inch = 1,000 feet

Surveyed March 28, 1967

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



E. V. Echohawk
Ernest V. Echohawk
Registered Land Surveyor
Arizona Registration No. 2311



395

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PERMIT TO DRILL

This constitutes the permission and authority from the
OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,

To: ANADARKO PRODUCTION COMPANY
(OPERATOR)

to drill a well to be known as

ANADARKO PRODUCTION #1-135 Navajo
(WELL NAME)

located 440' FWL and 950' FWL (NW NW)

Section 3 Township 35N Range 30E Apache County, Arizona.

The W/2 of NW/4 of said
Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled
in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 4 day of April, 19 67.

OIL AND GAS CONSERVATION COMMISSION

By John Bannister
EXECUTIVE SECRETARY

PERMIT N^o 395

RECEIPT NO. 9488

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27



Casualty & Surety Division
1000 Corrigan Tower Building
Dallas, Texas 75201

E. Eugene Rupert
General Manager

March 12, 1970

State of Arizona
Oil & Gas Conservation Commission
Phoenix, Arizona

Re: Anadarko Prod. Co.
18 S 49,580 EC
Oil Well Drilling Bond
Navajo No. 1-135, Sec. 3, Township 35 N., Range 30 E.

Gentlemen:

We have been requested to secure cancellation approval for the above sub-
ject bond, termination to become effective April 3, 1970.

We shall accordingly, appreciate your acknowledging receipt of this letter
with your consent to cancellation as of the requested date.

Reason given us for cancellation Principal advises Lease has been released

If, for some cause permission for termination may not be granted as of the
above requested date, then this letter will serve as cancellation notice
in accordance with the provisions of the bond; or days from re-
ceipt of this letter.

Self-addressed envelope is attached for your convenience, and we await
your prompt reply. This may be done by completing the information hereon
and returning the duplicate of this letter to us.

Thank you for your information.

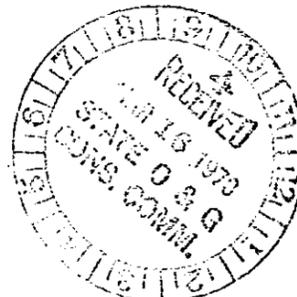
Yours very truly,
Nelda Loughmiller
Nelda Loughmiller
Bond Department

CANCELLATION HEREBY APPROVED TO BECOME
EFFECTIVE 4-3-70

OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA

1624 WEST ACAPULCO BLVD. 202
TOLSON BLDG.
PHOENIX, ARIZONA, 85007

By *John Gannister*
(Title)
et. See



Mimeq 292

ND
KNOW ALL MEN BY THESE PRESENTS

BOND SERIAL NO. 18 S 49,580EC

That we: Anadarko Production Company

of the County of: Wilmington in the State of: Delaware

as principal, and THE AETNA CASUALTY AND SURETY COMPANY

of Hartford, Connecticut
AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the Oil and Gas Conservation Commission, State of Arizona, in the penal sum as indicated, lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation is that whereas the above bounden principal proposes to drill a well or wells for oil, gas, helium, other minerals, or for stratigraphic purposes in and upon the following described land situated within the State, to wit:

Oil Well Drilling Bond - Navajo Number 1-135, Section 3, Township 35 North, Range 30 East,
(May be used as blanket bond or for single well)

Apache County, Arizona

NOW, THEREFORE, if the above bounden principal shall comply with all of the provisions of the laws of this State and the rules, regulations and orders of the Oil and Gas Conservation Commission, especially with reference to the requirements of A.R.S. 27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil & Gas Conservation Commission all notices and records required by said Commission, in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, then this obligation is void; otherwise, the same shall be and remain in full force and effect. Liability under this bond may not be terminated without written permission of this commission.

Penal sum of Five Thousand Dollars (\$5,000.00)

Witness our hands and seals, this 3rd day of April, 1967

DATE G. P. Smith Assistant Secretary

Anadarko Production Company
Principal

Witness our hands and seals, this 3rd day of APRIL, 1967.

THE AETNA CASUALTY AND SURETY COMPANY

By: John R. Stockton, Surety Attorney-in-Fact

Frank P. Armaral
Surety, Resident Arizona Agent
(If issued in a state other than Arizona)

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

Approved
Date 4-4-67
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: John J. Bannister

Permit No. 395

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Bond
File Two Copies
Form No. 2



The Aetna Casualty and Surety Company

Hartford, Connecticut 06115

Power of Attorney and Certificate of Authority of Attorney(s)-in-Fact

KNOW ALL MEN BY THESE PRESENTS, THAT *The Aetna Casualty and Surety Company*, a corporation duly organized under the laws of the State of Connecticut, and having its principal office in the City of Hartford, County of Hartford, State of Connecticut, hath made, constituted and appointed, and does by these presents make, constitute and appoint E. Eugene Rupert, John R. Stockton or John W. Welch *

of Dallas, Texas, its true and lawful Attorney(s), with full power and authority hereby conferred to sign, execute and acknowledge, at any place within the United States, or, if the following line be filled in, within the area there designated, the following instrument (s): by his sole signature and act, any and all bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognition, or conditional undertaking, and any and all consents incident thereto

and to bind *The Aetna Casualty and Surety Company*, thereby as fully and to the same extent as if the same were signed by the duly authorized officers of *The Aetna Casualty and Surety Company*, and all the acts of said Attorney(s), pursuant to the authority herein given, are hereby ratified and confirmed.

This appointment is made under and by authority of the following provisions of the By-laws of the Company which provisions are now in full force and effect and are the only applicable provisions of said By-laws.

ARTICLE IV—Section 8. The President, any Vice President, or any Secretary may from time to time appoint Resident Vice Presidents, Resident Assistant Secretaries, Attorneys-in-Fact, and Agents to act for and on behalf of the Company and may give any such appointee such authority as his certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors may at any time remove any such appointee and revoke the power and authority given him.

ARTICLE IV—Section 10. Any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President or a Vice President or by a Resident Vice President, pursuant to the power prescribed in the certificate of authority of such Resident Vice President, and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary or by a Resident Assistant Secretary, pursuant to the power prescribed in the certificate of authority of such Resident Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact pursuant to the power prescribed in his or their certificate or certificates of authority.

This Power of Attorney and Certificate of Authority is signed and sealed by facsimile under and by authority of the following Resolution voted by the Board of Directors of *The Aetna Casualty and Surety Company* at a meeting duly called and held on the 18th day of December, 1964.

RESOLVED: That the signature of Guy E. Mann, Senior Vice President, or of A. H. Anderson, Vice President, or of D. N. Gage, Secretary, or of C. K. Shaw, Secretary, or of N. H. Pfanstiel, Secretary, and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached.

IN WITNESS WHEREOF, *The Aetna Casualty and Surety Company* has caused these presents to be signed by its Secretary, and its corporate seal to be hereto affixed, this 31st day of October, A.D., 1966.

The Aetna Casualty and Surety Company

State of Connecticut }
County of Hartford } ss. Hartford



By D. N. Gage
Secretary

On this 31st day of October, A.D., 1966, before me personally came D. N. GAGE, Secretary of *The Aetna Casualty and Surety Company*, the corporation described in and which executed the above instrument, at its Home-Office; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; and that he executed the said instrument on behalf of the corporation by authority of his office under the By-laws thereof.



Mary J. Kingston
Notary Public
My commission expires March 31, 1970.

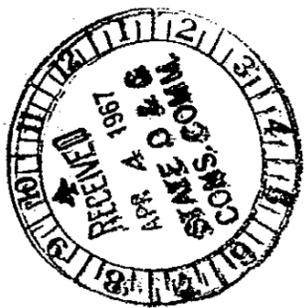
CERTIFICATE

I, the undersigned, Secretary of *The Aetna Casualty and Surety Company*, a stock corporation of the State of Connecticut, DO HEREBY CERTIFY that the foregoing and attached Power of Attorney and Certificate of Authority remains in full force and has not been revoked; and furthermore, that Article IV—Sections 8 and 10, of the By-laws of the Company, and the Resolution of the Board of Directors, as set forth in the Certificate of Authority, are now in force.

Signed and Sealed at the Home Office of the Company, in the City of Hartford, State of Connecticut. Dated this 3rd day of APRIL, A.D., 1967.



D. N. Gage
Secretary



Handwritten text, possibly "OFFICE", partially visible at the bottom center of the page.



4-5-67 By telcon, Mr Ed Bond, Anadarko, requested that he be notified by collect telegram that permit was approved.

COLLECT TO:

ED BOND
ANADARKO PRODUCTION CO
P O BOX 9317
FORT WORTH TEXAS 76107

PERMIT TO DRILL 395 COVERING ANADARKO PRODUCTION #1-135 WELL
NORTHWEST NORTHWEST 3-35NORTH-30EAST, APACHE COUNTY, ARIZONA,
ISSUED AND MAILED APRIL 4, 1967.

JOHN BANNISTER
EXECUTIVE SECRETARY
OIL & GAS CONSERVATION COMMISSION

THE LOCAL AETNA AGENCY WILL SUBMIT
AN INDIVIDUAL BOND FOR \$5,000.00.
SHOULD ARRIVE IN MONDAY'S MAIL.





ANADARKO PRODUCTION COMPANY

3109 WINTHROP AVENUE P. O. BOX 9317 FORT WORTH, TEXAS 76107
CABLE ADDRESS: ANDARK

MARCH 31, 1967

OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
1624 WEST ADAMS - SUITE 202
PHOENIX, ARIZONA 85007

GENTLEMEN:

ATTACHED IS OUR APPLICATION FOR PERMIT TO DRILL OUR
NAVAJO 1-135 LOCATED 400' FROM NORTH AND 950' FROM WEST LINES,
SECTION 3-35N-30E, APACHE COUNTY, ARIZONA.

IN THE EVENT A PORTION OF THIS FORM IS NOT FILLED OUT
CORRECTLY AND NOT ACCEPTABLE, PLEASE ADVISE AT THE EARLIEST
POSSIBLE DATE IN ORDER THAT AMENDMENTS OR CORRECTIONS MIGHT
BE PREPARED.

WE ARE ALSO TRANSMITTING OUR \$25.00 CHECK COVERING THE
DRILLING PERMIT FEE AND ONE COPY OF FORM #1, ORGANIZATION RE-
PORT.

YOURS VERY TRULY,

ANADARKO PRODUCTION COMPANY

E. V. BOND
REGION PRODUCTION SUPERINTENDENT

EVB:JNC:TD

ENCL.

CC: THE NAVAJO TRIBE, 412 PETROLEUM PLAZA BUILDING,
FARMINGTON, NEW MEXICO - ATTN: HENRY F. POHLMANN,
OIL & GAS SUPERVISOR
U.S.G.S., Box 1857, ROSWELL, NEW MEXICO 88201

