

Release Date 11-2-67

CONFIDENTIAL

P-W

Kerr-McGee #10 Santa Fe
NWSW 23-20N-27E Apache County 405

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 Kerr-McGee Corporation | | Address Kerr-McGee Building, Okla. City, Okla. | |
| Federal, State or Indian Lease Number or name of lessor if fee lease Santa Fe | | Well Number 10 | Field & Reservoir Wildcat |
| Location 1980' FSL & 660' FWL | | County Apache | |
| Sec. TWP-Range or Block & Survey Sec. 23-20N-27E | | | |
| Date spudded 5-2-67 | Date total depth reached 5-5-67 | Date completed, ready to produce | Elevation (DF, BKB, RT or Gr.) 5754 feet |
| Total depth 1330 | P.B.T.D. | Single, dual or triple completion? | Elevation of casing hd. flange feet |
| Producing interval (s) for this completion | | Rotary tools used (Interval) 0-1330 | 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) None | | | Date filed |

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 | Amt. pulled |
| None | | | | | | |

TUBING RECORD

LINER RECORD

| Size | Depth set | Packer set at | Size | Top | Bottom | Sacks cement | Screen (ft.) |
|------|-----------|---------------|------|-----|--------|--------------|--------------|
| in. | ft. | ft. | in. | ft. | ft. | | |

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

| Number per ft. | Size & type | Depth Interval | Amt. & kind of material used | Depth Interval |
|----------------|-------------|----------------|------------------------------|----------------|
| | | | | |

INITIAL PRODUCTION

| | | | | | | |
|--------------------------|-----------------|---|--------------------------------|------------------------------|----------------------------------|-----------------------------|
| Date of first production | | 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 bbls. | Gas prod. during test MCF | Water prod. during test bbls. | Oil gravity ° API (Corr) |
| Tubing pressure | Casing pressure | Cal'ed rate of Production per 24 hrs. | Oil bbls. | Gas MCF | Water bbls. | Gas-oil ratio |

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 Geologist of the Kerr-McGee Corporation (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.

July 11, 1967

Date

Signature

CONFIDENTIAL

Release Date _____

Permit No. 405

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

Well Completion or Recompletion Report and Well Log

File One Copy

Form No. 4



DETAIL OF FORMATIONS PENETRATED

| Formation | Top | Bottom | Description* |
|-----------|------|--------|--------------|
| Dune | 0 | 250 | Sd |
| Chinle | 250 | | Sd & sh |
| Coconino | 1305 | | Sd |

575
 1305
 + 4449

* 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 Kerr-McGee Corporation | | Address Kerr-McGee Building, Okla. City, Okla. | |
| Federal, State, or Indian Lease Number, or lessor's name if fee lease. Santa Fe | Well No. 10 | Field & Reservoir Wildcat | |
| Location of Well 1980' FSL & 660' FWL | | Sec-Twp-Rgc or Block & Survey Sec. 23-20N-27E | County Apache |
| Application to drill this well was filed in name of Kerr-McGee Corporation | Has this well ever produced oil or gas No | Character of well at completion (initial production): Oil (bbbls/day) _____ Gas (MCF/day) _____ Dry? X | |
| Date plugged: 5-7-67 | Total depth 1330 | Amount well producing when plugged: Oil (bbbls/day) _____ Gas (MCF/day) _____ Water (bbbls/day) _____ | |
| 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 |
| | | | 0-50' w/7 sks |
| | | | 345-445 w/12 sks |

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 |
|---|-------------------|------------------|--------------------|--|-------------------|
| None | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Was well filled with mud-laden fluid, according to regulations? Yes | | | | 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 Corporation | Oklahoma City, Oklahoma | |
| | | |

In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach 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.

Use reverse side for additional detail. **Lost hole, left 320' drill pipe in hole**

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the **Geologist** of the **Kerr-McGee Corporation** (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.

6-14-67

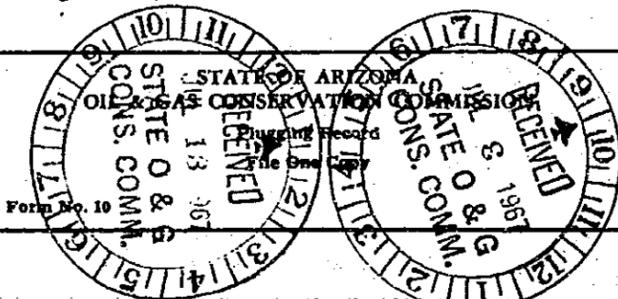
Date

Signature

CONFIDENTIAL

release Date _____

Permit No. **405**



APPLICATION TO ABANDON AND PLUG

FIELD Wildcat
OPERATOR Kerr-McGee Corporation ADDRESS Oklahoma City, Oklahoma
Federal, State, or Indian Lease Number or Lessor's Name if Fee Lease Santa Fe WELL NO. 10
SURVEY 20N-27E SECTION 23 COUNTY Apache
LOCATION 1980' FSL, 660' FWL

TYPE OF WELL Strat test TOTAL DEPTH 1330
(Oil, Gas or Dry Hole)
ALLOWABLE (If Assigned)
LAST PRODUCTION TEST OIL _____ (Bbls.) WATER _____ (Bbls.)
GAS _____ (MCF) DATE OF TEST _____

PRODUCING HORIZON _____ PRODUCING FROM _____ TO _____
1. COMPLETE CASING RECORD None

2. FULL DETAILS OF PROPOSED PLAN OF WORK Plugs 0-50, 345-445,
Stuck drill pipe - backed off - left 320' pipe in hole.

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 5-7-67
NAME OF PERSON DOING WORK Kerr-McGee ADDRESS Okla. City, Okla.
CORRESPONDENCE SHOULD BE SENT TO John C. Meyer
Name Geologist
Title 710 Kerr-McGee Bldg., Okla. City, Okla.
Address June 28, 1967
Date

Date Approved _____
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: _____

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Abandon and Plug
Form No. _____
JUL 13 1967
RECEIVED
STATE O & G
CONS. COMM.

Permit No. 405

CONFIDENTIAL

Release Date _____

5-4-67

Per telcon w/John Meyer

Re: Kerr-McGee #10 Santa Fe strat test
NW SW 23-20N-27E, Apache County
Permit 405

Gave verbal permission to plug and abandon
TD 1330. Top of Coconino ¹³⁰⁵~~1330~~. No surface casing.

Well will be plugged in the following manner:

Water was encountered from 355 to 375. Cement will be set
from 345 to 325 feet.

Shinarump (conglomerate) was encountered at 1085 to 1145. This
zone was wet (water). Plug will be set from 1065 through
1165 feet.

Coconino formation will be plugged from TD through 1295.

Surface plug and marker will be set. All intervals between
plugs will be filled with mud-laden fluid.

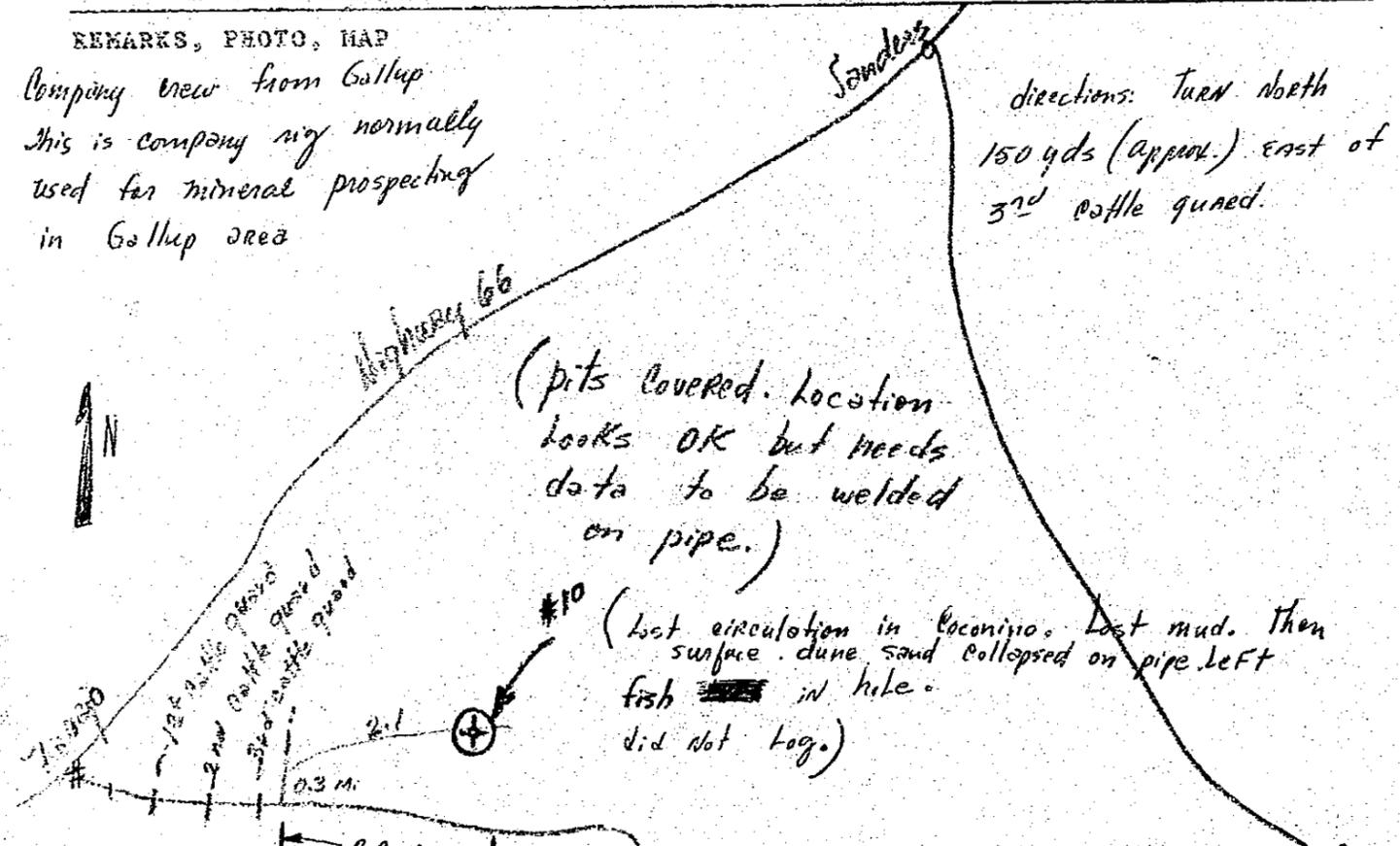
John Bannister
Executive Secretary

WELL SITE CHECK

By JJF
Date 5-16-67

Contractor Company rig Person(s) Contacted John Meyer
 Spud Date _____
 Type Rig Tailing 1500 Rotary Cable Tool _____ Present Operations plugged and abandoned
 Samples Took No samples.
 Pipe _____ Drilling with Mud (Air) _____
 Water Zones _____ Size Hole 4 3/4
 Lost Circ. Zones Cocconino Size Drill Pipe _____
 Formation Tops _____ Type Bit _____
 Cores, Logs, DST No log. No. Bit _____ Drilling Rate _____
 Formation _____
 Crews _____ Lithology _____

REMARKS, PHOTO, MAP
 Company view from Gallup
 This is company rig normally used for mineral prospecting in Gallup area



directions: Turn north 150 yds (approx.) east of 3rd cattle guard.

WELL NAME Kevin McGee #10
Santa Fe

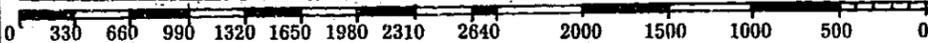
Permit No. 405
Confidential: yes No

5-3-67

Telcon - John Meyer

Spudded Kerr-McGee #10 Santa Fe on 5-2-67

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 | | | | | | | | | | | | | | | | |
|---|------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | | | | |
| <div style="display: flex; justify-content: space-between;"> <div style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; height: 100px;"></td> </tr> <tr> <td style="width: 25%; height: 100px;"></td> </tr> <tr> <td style="width: 25%; height: 100px;"></td> </tr> <tr> <td style="width: 25%; height: 100px;"></td> </tr> </table> </div> <div style="width: 45%; padding-left: 10px;"> <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><i>John C. Meyer</i></p> <p>Name John C. Meyer</p> <p>Position Geologist</p> <p>Company Kerr-McGee Corporation</p> <p>Date April 24, 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 _____</p> <p>Registered Professional Engineer and/or Land Surveyor</p> <p>Certificate No. _____</p> </div> </div> | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| <p>Surveyor's Plat to be sent separately.</p> | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |

PROPOSED CASING PROGRAM

| Size of Casing | Weight | Grade & Type | Top | Bottom | Cementing Depths | Sacks Cement |
|----------------------------|--------|--------------|-----|--------|------------------|--------------|
| No surface casing proposed | | | | | | |
| | | | | | | |



PERMIT TO DRILL

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

To: KERR-MC GEE CORPORATION
(OPERATOR)

to drill a well to be known as
KERR-MCGEE #10 SANTA FE (strat test)
(WELL NAME)

located 1980' FSL and 660' FWL
Section 23 Township 20N Range 27E, Apache County, Arizona.

The _____ 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 1st day of May, 19 67.

OIL AND GAS CONSERVATION COMMISSION

By John Bannister
EXECUTIVE SECRETARY

PRIOR TO BEING ALLOWED TO PRODUCE THIS WELL
YOU MUST BE IN FULL COMPLIANCE WITH RULE
105, SECTION A THRU G (SPACING), WITH RESPECT
TO THE PRODUCT TO BE PRODUCED.

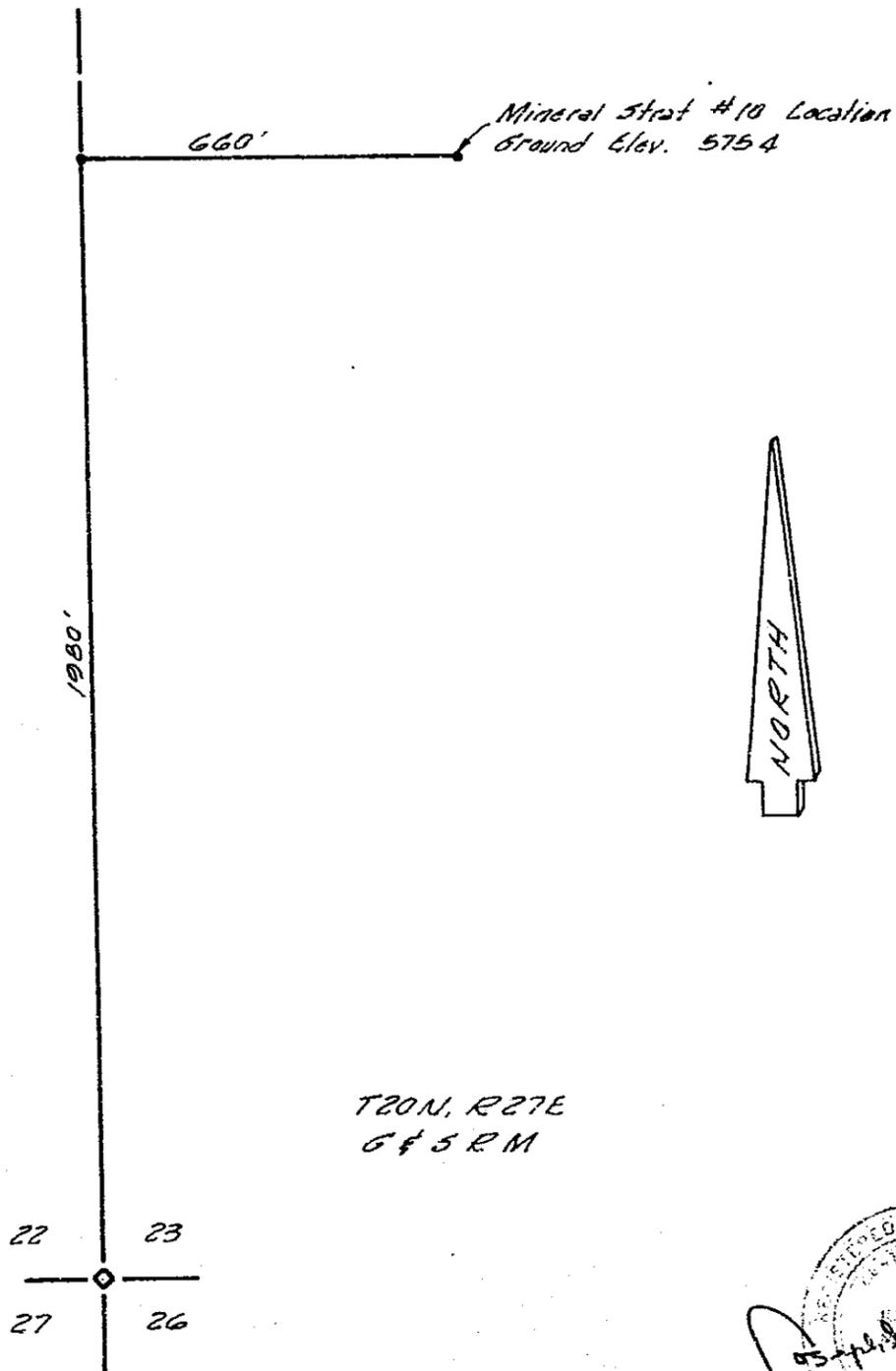
PERMIT No 405

RECEIPT NO. 9497

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27

MINERAL STRAT No. 10
 PREPARED FOR HERR MCGEE CORP.
 SEC. 23, T20N, R27E, G. & S. R. M.
 STATE OF ARIZONA



PREPARED BY:

J. G. MARTINEZ & ASSOC.
 ENGINEERS—SURVEYORS

N. M. P. E. & L. S. LIC. NO. 1765

GALLUP NEW MEXICO

Scale 1" = 300'

Drawing

No. Q5W-28

Date 4-27-1967

Operator KERR MC GEE OIL ~~INDUSTRIES INC~~ Corporation
 Bond Company Insurance Co. of N. America Amount 25,000
 Bond No. M 41 95 25 (KM528) Date Approved 10-28-65

Permits covered by this bond:

| | | |
|-----|-----|-----|
| 10 | 386 | 417 |
| 36 | 389 | 418 |
| 37 | 390 | 419 |
| 38 | 391 | 420 |
| 39 | 392 | 422 |
| 57 | 396 | 426 |
| 63 | 397 | 427 |
| 64 | 398 | 441 |
| 142 | 399 | 445 |
| 238 | 402 | 446 |
| 303 | 403 | |
| 90 | 404 | |
| 91 | 405 | |
| 379 | 406 | |
| 303 | 407 | |
| 377 | 408 | |
| 378 | 409 | |
| 379 | 410 | |
| 380 | 411 | |
| 381 | 413 | |
| 384 | 414 | |
| 385 | 416 | |

CANCELLED

DATE 10-24-68

→ see this file

superseded by
 American Casualty Co. Bond
 \$25,000
 #5471020-32



KERR-McGEE CORPORATION

KERR-McGEE BUILDING • OKLAHOMA CITY, OKLAHOMA 73102

July 11, 1967

Com. 7/12/67

Mr. John Bannister
Arizona Oil & Gas Commission
1624 West Adams
Phoenix, Arizona 85007

Dear Sir:

- RE: Kerr-McGee #1 Santa Fe strat test, Permit 402
- Kerr-McGee #2 Santa Fe strat test, Permit 403
- Kerr-McGee #3 Santa Fe strat test, Permit 404
- Kerr-McGee #4 Santa Fe strat test, Permit 406
- Kerr-McGee #5 Santa Fe strat test, Permit 407
- Kerr-McGee #6 Santa Fe strat test, Permit 408
- Kerr-McGee #10 Santa Fe strat test, Permit 405
- Kerr-McGee #11 Santa Fe strat test, Permit 413
- Kerr-McGee #12 Santa Fe strat test, Permit 414

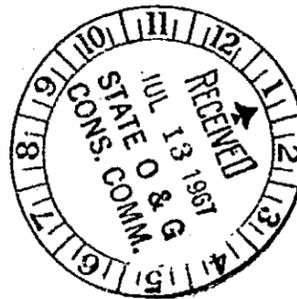
We are returning the Plugging Record and Application to Plug forms on the above wells. We are also submitting for filing the Well Completion form for each well. We request the information to be kept confidential if there is a provision in your Rules and Regulations for so doing.

Electrical logs on wells where we were able to run them will be filed within 90 days from completion. It is requested that these logs be kept confidential for the six months period following completion.

Respectfully,

John C. Meyer
John C. Meyer

JCM/mk
Enclosures



CONFIDENTIAL

405

Release Date _____

POST-A-WAY AIR MAIL REGULAR MAIL INTER-OFFICE

IMMEDIATE REPLY PLEASE NOTE ENCLOSURES
 REPLY NO LATER THAN _____

J. Martinez & Associates
ENGINEERS - SURVEYORS
P. O. BOX 178
509 W. AZTEC AVE
GALLUP, NEW MEXICO
TELEPHONE 863-4042

TO

Mr. John Bannister
Arizona Oil & Gas Conservation Comm
1624 Adams St. Room 202
Phoenix, Arizona
85007

SUBJECT ~~Plat of survey on Mineral~~
Strat No. 10 for Kerr McGee Corporation

MESSAGE DATE 4-28-67

fold

As requested by Mr. John Myers, we are forwarding herewith two prints of the subject plat to accompany Kerr McGee Corporation application for permit to drill mineral strat test No. 10.

cc: Mr. John Myers

SENT BY

J. Martinez

REPLY DATE



ANSWERED BY

white and pink copies with carbon intact. Pink copy is returned with reply.

Form #PK-1 © Business Envelope Mfg. Inc. Pearl River, New York • Melrose Park, Ill.



April 24, 1967

Mr. John Bannister, Executive Secretary
Arizona Oil and Gas Conservation Commission
1624 Adams St.
Room 202
Phoenix, Arizona 85007

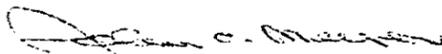
Dear Mr. Bannister:

Enclosed are four Applications for Permit to Drill. These are to be Mineral Strat tests. At the moment we have J. G. Martinez, Registered Land Surveyor, staking the locations. He will mail directly to you the plats which we realize you must have before we can get approval to drill. Hopefully he will get them to you in the next day or so.

Thank you and Mrs. Rushton for your help in this program.

Very truly yours,

KERR-McGEE CORPORATION


John C. Meyer

JCM/mk
Enclosures: 4 Applications
4 Checks for \$25 each



405