

Virgin Oil & Mines #18-21
SW/4-SE/4 Sec 29-Twp 41N-R 15W
Mohave County No Permit

P-W

15

Well Name Virgin
Virgin Oil & Gas #1 #2 #3 #4 #6
 County Mohave
 Area _____
 Lease No. 32-42N-15W #8-24
See 32-42N-15W #8-23
See 32-41N-15W #8-21

Location SW SE Sec 29 Twp 41N Range 15W Footage _____
 Spud _____ Completed _____ Total _____
 Elev 1960 Gr _____ KB Date 1950 Abandon _____ Depth 2600

Contractor: _____
 Approx. Cost \$ per USGS report.

Drilled by Rotary _____
 Cable Tool _____

Casing Size	Depth	Cement

 Production Horizon _____
 Initial Production D&A

REMARKS _____

Elec. _____ Sample Log _____
 Logs _____ Sample Descrip. X
 Applic _____ Plugging _____ Completion _____ Sample Set _____
 to Plug _____ Record _____ Report _____ Cores _____

Water well - accepted by _____

Bond Co. _____
 & No. _____

Bond Am't \$ _____ Cancelled _____ Date _____ Organization Report _____

Filing Receipt _____ Dated _____ Well Book _____ Plat Book _____
 Loc. Plat _____ Dedication _____

API # 02-015-05013

PERMIT NUMBER none Date Issued _____

9-185
(August 1949)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

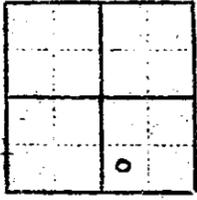
WA-4 2125
WR-3 2160
6.05 pp
T. 96

WELL SCHEDULE

Date July 17, 1950 Field No.
Record by C.T. Snyder & P.E. Dennis Office No.
Source of data

1. Location: State Arizona County Mojave
Map
SW 1/4 SE 1/4 sec. 11 29 T 41 N R 15 E W
2. Owner: Virgin Oil Co. Address
Well name Oil Test #10-4 Address
Driller Address

3. Topography
4. Elevation 1,960 ft. above
below
5. Type: Dug, drilled, driven, bored, jetted 19
6. Depth: Rept. 2600 ft. Meas. 145 ft.
7. Casing: Diam. 16 in., to 12 in., Type Steel
Depth ft., Finish
8. Chief Aquifer From ft. to ft.
Others
9. Water level 87.56 ft. rept. July 17, 1950 above top
below
of 1' casing which is 0.8 ft. above
below surface
10. Pump: Type none Capacity G. M.
Power: Kind none Horsepower
11. Yield: Flow G. M., Pump G. M., Meas., Rept. Est.
Drawdown ft. after hours pumping G. M.
12. Use: Dom., Stock, PS., RR., Ind., Irr., Obs. Unused
Adequacy, permanence
13. Quality Temp °F.
Taste, odor, color Sample Yes
No
Unfit for



WATER ON THE SURFACE OF LAND AND NEWLY
DISCOVERED OIL AND GAS RESOURCES IN THE
UNITED STATES ARE HEREBY PERMITTED TO BE
IRRIGATED WITH WELL.

No Permit

Log of Two Producing Wells in Virgin Oil Field

Virgin Well No. 6 *State*
ID 8-24

Feet	
40	Debris
80	Red Shale
132	Variegated Shale
142	Limestone
170	Gray Shale
178	Gray Limestone
200	Gray Shale
406	Red Shale
416	Yellow Sandy Lime
483	Red Shale
506	Sandy Limestone
537	Gray Limestone
545	Lime and Oil Sand

Virgin Well No. 4 *ID. 8-21*
State

Feet	
45	Debris
67	Limy Shale
88	Red Shale
99	Limestone
124	Red Shale
142	Gray Limestone
150	Red Shale
168	Gray Shale
184	Gray Limestone
473	Red Shale
480	Sandy Lime
540	Gray Shale
553	Sandy Limestone and Oil Sand

McCormick

LOG OF VIRGIN OIL WELL #4

CHAVE COUNTY

29-41N-15W

Feet

45 Debris
 67 Limy shale
 88 Red shale
 99 Limestone
 124 Red shale
 142 Gray limestone
 150 Red shale
 168 Gray shale
 184 Gray limestone
 473 Red shale
 480 Sandy lime
 540 Gray shale
 553 Sandy limestone and oil sand

*Log of Virgin Oil Well #4
 Inohave Co.
 29-41N-15W*

					Comp	Elev	TD
# 1	SW 36	29	41N	15W	1918	1960	260
2		32	41N	15W			?

↓ Virgin oil & lime
 State 1 32 42N 15 1931
 " 6 32 " " 1405'
 543'

8-21

VIRGIN OIL FIELD WELL #6
32-42N-15W
Mohave County, Arizona

Feet	
40	Debris
80	Red shale
132	Variegated shale
142	Limestone
170	Gray shale
178	Gray limestone
200	Gray shale
406	Red shale
416	Yellow sandy lime
483	Red shale
506	Sandy limestone
537	Gray limestone
545	Lime and oil sand



Fife Symington
Governor

State of Arizona
Arizona Geological Survey
845 North Park Avenue, #100
Tucson, Arizona 85719
(602) 882-4795



Larry D. Fellows
Director and State Geologist

March 23, 1993

Mr. George Pyper
U.S. Geological Survey
1745 North 1700 West
Salt Lake City, Utah 84104

8-21

Dear George:

Enclosed is the information we have on the Virgin Oil #4 and the Murel Goodell Basin #1 wells. The information we have on the Virgin Oil wells seems to have been pulled together after the wells were drilled. As I indicated on the phone, and as you can see from the enclosed notes from the Virgin Oil #4 well file, there appears to be some confusion about which well is which. The note at the bottom of the lithology log for the #4 well shows that the #1 well was completed in 1918 and drilled to 2600 feet. Someone penciled in (or #4?) on the USGS water level report for the #1 well dated July 17, 1950. The 8-23 and 8-24 well files contain no usable data.

The enclosed completion report on the Murel Goodell well is about all we have on this well. The sundry reports ramble on about drilling a 12,000 foot well and the specifics of the billion barrel oil field. However, we have a few samples from the Goodell well, they are in plastic sandwich bags. I took a quick look at them and they seem to be mostly white to reddish sand.

Give me a call if I can be of any additional help.

Sincerely,

Steve

Steven L. Rauzi
Oil and Gas Program Administrator

Enclosures



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

845 North Park Avenue, #100
Tucson, Arizona 85719
(602) 882-4795



Larry D. Fellows
Director and State Geologist

September 23, 1992

Mr. Harlan Brown
Mohave County Public Works
P. O. Box 7000
Kingman, Arizona 86402-7000

Dear Mr. Brown:

Enclosed is the information from the two wells we talked about this afternoon on the telephone. The information from the Murel Goodell well is pretty sketchy but the sundry report does indicate that Mobil Oil had just completed some vibro seismic on his leases. The information in our file on the Virgin Oil & Mines #4 file is also enclosed.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosures