

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

RECEIVED
FEB 22 1961

WELL RECORD

MAIL TO DISTRICT OFFICE, OIL CONSERVATION COMMISSION, WHICH FORM O-101 WAS SENT NOT LATER THAN TWENTY DAYS AFTER COMPLETION OF WELL. FOLLOW INSTRUCTIONS IN RULES AND REGULATIONS OF THE COMMISSION. RETURN IN QUINTEPLICATE.

AREA 640 ACRES
STATE WELLS CORRECTLY

Middle Oil & Refining Company Abo Chalk Bluff Draw Unit
 (COMPANY OR OPERATOR) (LEASE)
 T-18 IN SW 1/4 OF SW 1/4 OF SEC. 16, T-18-S, R-27-E, N.M.P.M.
 Emire Abo POOL Eddy COUNTY
 660 FEET FROM 660 FEET FROM West LINE
 OF SECTION 16 OF STATE LAND THE OIL AND GAS LEASE NO IS G&L Lease #E-2635
 DRILLING COMMENCED 10-16-60 DRILLING WAS COMPLETED 11-15-60
 NAME OF DRILLING CONTRACTOR Lee Drilling Company
 ADDRESS Philtover Building, Tulsa, Oklahoma
 ELEVATION ABOVE SEA LEVEL AT TOP OF TURNING HEAD 3442 DF THE INFORMATION GIVEN IS TO BE
 KEPT CONFIDENTIAL UNLESS OTHERWISE NOTED, 19

OIL SANDS OR ZONES

NO. 1 FROM Dry Hole TO NO. 4, FROM TO
 NO. 2 FROM TO NO. 5, FROM TO
 NO. 3 FROM TO NO. 6, FROM TO

REPORTING WATER SANDS

REPORT DATA ON RATE OF WATER INFLOW AND ELEVATION TO WHICH WATER ROSE IN HOLE.
 NO. 1 FROM TO FEET
 NO. 2 FROM TO FEET
 NO. 3 FROM TO FEET
 NO. 4 FROM TO FEET

CASING RECORD

DEPTH	WEIGHT PER FOOT	NEW OR USED	SAGREY	KIND OF SHOE	CUT AND PULLED FROM	PERFORMANCES	PURPOSE
3-577	24	NEW	1516	Howco			Surface
3-777	9.5	NEW	6335	Howco	4950	#	Production
56089-72, 6090-83, 6070-31, 5132-49, 5144-49, 585-62, & 5760-65							

MUDDING AND CEMENTING RECORD

SIZE OF HOLES	SIZE OF CASING	WHEEL SET	PO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12	5 1/8	2531	400	Tap & plug		
8 1/2	1 1/2	6150	135	Tap & plug		

RECORD OF PRODUCTION AND SIMULATION

(RECORD THE PROCESS USED, NO. OF GKS. OF GAS. USED, INTERVAL TREATED OR SHOT.)

See Attached Sheet.

DEPTH CLEANED OUT

Abo Chalk Bluff Draw Unit, Well #18 - Humble Oil & Refining Company, Box 2347, Hobbs, N.M.

Perforated 4½" csg from 6069 - 6073, 6080-6088'. Acidized from 6069-6073, 6080-6088, w/
500 gal 15% HCL acid. inj rate 3 BPM. Acidized perf from 6069-6088 w/6000 gal reg 15%
acid, inj rate 4.6 BPM. Swab 15 hrs rec 103 bbls load & acid water. Swab 15 hrs rec
113 bbls acid and salt water. Swab 6 hrs rec 60 bbl formation water, lowered fluid
level from 2500' to 5500'. Squeezed perf from 6069-6073 and 6080-6088 w/4½" csg. pkr
set at 6032, w/100 sx, failed to get squeeze. Resqueeze perf from 6069-6073, 6080-
6088 w/100 sx cmt. Drilled cmt from 5988-6036. Perf 4½" csg from 6020-6034 w/2
shots per ft. Acidized perf from 6020-6034 w/500 gals reg acid at the rate of 3 BPM.
Flowed back 61 bbls water in 5½ hrs. Swabbed 3½ hrs rec 14 bbls water - swabbed dry.
Acidized perf from 6020-6034 w/6000 gals reg acid, avg inj rate 5 BPM. Well flowed
back 5 bbls water. Swabbed 76 bbls load and acid water in 5½ hrs. Swabbed 82 bbls
acid and load water. Squeezed perf from 6020-6034 w/100 sx cmt. Perf 4½" csg from
5932-5940, w/2 shots per ft. Acidized w/500 gal reg acid, avg inj rate 3.5 BPM.
Swabbed 62 bbls load and acid water. Swabbed 7½ hrs rec 87 bbls acid water. Acidized
perf from 5932-5940, w/6000 gal reg acid, avg inj rate 5.0 BPM. Flowed 2 bbls water.
Swabbed 1 hr, rec 24 bbls load and acid water. Swabbed 96 bbls load and acid water
in 10 hrs. Swabbed dry. Squeezed perf 5932-5940 w/100 sx reg neat cmt. Perf 4½"
csg from 5844-5849, 5855-5862, w/2 shots per ft. Acidized w/500 gal reg 15% acid
from 5844-5849, 5855-5862, avg inj rate 3BPM. Swabbed 81 bbls acid water in 5 hrs,
swabbed dry. No show oil or gas. Acidized perf 5844-5862 w/6000 gal acid, avg inj
rate 4.8 bbls per min. Swabbed 53 bbls load and acid water. Swabbed 23 bbls load
and acid water. Swabbed dry. Squeezed perf from 5844-5849, 5855-5862 w/100 sx cmt.
Perf 4½" csg from 5760-5765 w/2 shots per ft. Acidized perf from 5760-5765 w/500 gal
15% acid, avg inj rate 3BPM. Swabbed 67 bbls acid water, swabbed dry. No oil or gas.
Swabbed 4½ hrs rec 9 bbls acid water. Swabbed dry. Acidized perf 5760-5775 w/4000 gal
15% acid, avg inj rate 4.6 BPM. Rec 31 bbls acid wtr in 1½ hrs. Fluid level 2500'
w/small show of oil. Swabbed 12 hrs, rec 77 bbls acid water, swabbed dry. Swabbed
12 hrs, rec 15 bbls load and acid water. Swabbed dry. No show oil or gas. Swabbed
20 bbls water. No show oil or gas.

IF DRILLING OR OTHER SPECIAL TESTS OR DEMONSTRATION SURVEYS WERE MADE, SUBMIT REPORT ON SEPARATE SHEET AND ATTACH RESULTS

TOOLS USED

ROTARY TOOLS WERE USED FROM 0 FEET TO 6150 FEET, AND FROM FEET TO FEET TO FEET TO FEET.

PRODUCTION

WAS PRODUCING Dry Hole, 19
 WITH THE PRODUCTION DURING THE FIRST 24 HOURS WAS BARRELS OF LIQUID OF WHICH
 WAS OIL, % WAS EMULSION, % WATER, AND % WAS SEDIMENT, A.P.G. GRAVITY

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 O. R. O.
 ARTESIAN OFFICE

AS WITH THE PRODUCTION DURING THE FIRST 24 HOURS WAS M.C.F. PLUS
 BARRELS OF LIQUID HYDROCARBON, SHUT IN PRESSURE LBS.
 LENGTH OF TIME SHUT IN

PLEASE INDICATE BELOW FORMATION TOPS (In Conformance With Geographical Section Of State)

SOUTHEASTERN NEW MEXICO

NORTHWESTERN NEW MEXICO

- | | | |
|-------------------------------|----------------|-----------------------|
| 1. ANHY | 1. DEVONIAN | 7. OJO ALAMO |
| 2. SALT | 2. SILURIAN | 7. KIRTLAND-FRUITLAND |
| 3. SALT | 3. MONTOYA | 7. FARMINGTON |
| 4. SALT | 4. SIMPSON | 7. PICTURED CLIFFS |
| 5. RIVERS | 5. ALBANY | 7. MENEPEE |
| 6. GREEN | 6. ELLENBURGER | 7. POINT LOOKOUT |
| 7. PEYTON | 7. GR. WASH. | 7. MANCOS |
| 8. SAN ANDRES 1298 | 7. GRANITE | 7. DAKOTA |
| 9. GUNNERY Yeso 3150 | 7. | 7. MORRISON |
| 10. SAN JUAN Bone Spring 4525 | 7. | 7. PENN. |
| 11. SUTTS | 7. | |
| 12. ALCO | 7. | |
| 13. SINK | 7. | |
| 14. 431 | 7. | |

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION	FROM	TO	THICKNESS IN FEET	FORMATION
325	525		Ashy bedded				
536	1011		Anhy & GP				
1066	145		Anhy & lime				
1485	2804		lime				
2805	451		lime & dolo				
456	872		Dolomite				
876	277		Dolo & lime				
1165	65		Lime				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I HEREBY SWEAR OR AFFIRM THAT THE INFORMATION GIVEN HEREWITH IS A COMPLETE AND CORRECT RECORD OF THE WELL AND ALL WORK DONE ON IT SO FAR AS CAN BE DETERMINED FROM AVAILABLE RECORDS.

February 21, 1961

COMPANY OR OPERATOR Humble Oil & Refining Company ADDRESS Box 2347, Hobbs, New Mexico (DATE)
 ORIGINAL
 SIGNED: ARVIN D. EADY POSITION OR TITLE Agent

OIL CONSERVATION COMMISSION		
ARTESIA DISTRICT OFFICE		
No. Copies Received <u>6</u>		
DISTRIBUTION		
	NO FURNISHED	
OPERATOR		
SANTA FE	<u>1</u>	
PRORATION OFFICE		
STATE LAND OFFICE	<u>1</u>	
U. S. G. S.	<u>2</u>	
TRANSPORTER		
FILE	<u>1</u>	<input checked="" type="checkbox"/>
BUREAU OF MINES	<u>1</u>	