

NO. OF COPIES RECEIVED	
DISTRIBUTION	
ANTA FE	
FILE	
J.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. A-1320	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-		7. Unit Agreement Name
2. Name of Operator EXXON CORPORATION		8. Farm or Lease Name NEW MEXICO "K" STATE
3. Address of Operator P.O. BOX 1600, MIDLAND, TEXAS 79701		9. Well No. 31
4. Location of Well UNIT LETTER AL 2310 FEET FROM THE SOUTH LINE AND 330 FEET FROM THE WEST LINE, SECTION 28 TOWNSHIP 17-S RANGE 35-E NMPM.		10. Field and Pool, or Wildcat VACUUM GLORIETA
15. Elevation (Show whether DF, RT, GR, etc.) DF 3962		12. County LEA

16.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER PERFORATE <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

WELL INCAPABLE OF TOP ALLOWABLE ACD PRODUCTION
RATE DECLINING RAPIDLY.
PLAN TO PERFORATE 6140-6148' AND SELECTIVELY
STIMULATE.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED *[Signature]* TITLE **UNIT HEAD** DATE **3-20-74**

APPROVED BY *[Signature]* TITLE DATE
CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERV. ON COMMISSION
SANTA FE, NEW MEXICO

WELL RECORD

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

CHANGE OPERATOR NAME FROM
HUMBLE OIL & REFINING COMPANY

AREA 640 ACRES
LOCATE WELL CORRECTLY

HUMBLE OIL & REFINING COMPANY

TO EXXON CORPORATION, State TX

(COMPANY OR OPERATOR)

EFFECTIVE JANUARY 1, 1973

(LEASE)

WELL NO. 31, IN NW $\frac{1}{4}$ OF SW $\frac{1}{4}$, OF SEC. 28, T. 17-S, R. 35-E, NMPM.

Vacuum Glorieta

POOL,

Lea

COUNTY.

WELL IS 2310 FEET FROM South LINE AND 330 FEET FROM West LINEOF SECTION 28. IF STATE LAND THE OIL AND GAS LEASE NO. IS A-1320DRILLING COMMENCED June 29, 19 64 DRILLING WAS COMPLETED July 14, 19 64NAME OF DRILLING CONTRACTOR Rod Ric CorporationADDRESS Midland, TexasELEVATION ABOVE SEA LEVEL AT TOP OF TUBING HEAD 3962 D. F. THE INFORMATION GIVEN IS TO BEKEPT CONFIDENTIAL UNTIL -, 19 - DATE WELL COMPLETED 7-18-64DISTANCE FROM RDB TO CSG. HEAD FLANGE 10.0 TOP OF RDB 1.0

OIL SANDS OR ZONES

NO. 1, FROM 6162, 6164, 6168, 6170, 6172, 6174, 6176 TO -NO. 2, FROM - TO - NO. 5, FROM - TO -NO. 3, FROM - TO - NO. 6, FROM - TO -

IMPORTANT WATER SANDS

INCLUDE 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

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8"	24.4#&32#	New	1600	Baker	-	-	Surface
4-1/2"	9.5#&11.6#	New	6260	Baker	-	6162, 6164, 6168	Oil String
						6170, 6172, 6174 & 6176	
2-3/8"	4.7#	New	6199	-	-	-	-

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	TOP OF CEMENT
12-1/4	8-5/8	1614	750	Pumped	-	Cement circulated
7-7/8	4-1/2	6270	900	Pumped	-	2700 by temp. survey

RECORD OF PRODUCTION AND STIMULATION

(RECORD THE PROCESS USED, NO. OF QTS. OR GALS. USED, INTERVAL TREATED OR SHOT.)

Displaced water in casing with lease oil and spotted 500 gals. of 10% MCA acid on bottom.

Perforated 4 1/2" casing at 6162, 6164, 6168, 6170, 6172, 6174 & 6176 with one radio active

jet shot per depth selective fired. Acidized above perf. with above MCA acid with an

average injection rate of 19 GPM. Max. press. 1400#. (Continued)

RESULT OF PRODUCTION STIMULATION Well completed as a flowing oil well.

TOTAL DEPTH 6270 (Driller's T. D.)

PBD 6235

IF DRILL-STEM OR OTHER SPECIAL TESTS OR DEVIATION SURVEYS WERE MADE, SUBMIT REPORT ON SEPARATE SHEET AND ATTACH HERETO

TOOLS USED

ROTARY TOOLS WERE USED FROM 0 FEET TO 6270* FEET, AND FROM FEET TO FEET.
CABLE TOOLS WERE USED FROM FEET TO FEET, AND FROM FEET TO FEET.
*Driller's T.D.

PRODUCTION

PUT TO PRODUCING July 18, 1964

OIL WELL: THE PRODUCTION DURING THE FIRST 7 HOURS WAS 70 BARRELS OF LIQUID OF WHICH 99.5% WAS OIL; % WAS EMULSION; .5% WATER; AND % WAS SEDIMENT. A.P.I. GRAVITY 38.1°

GAS WELL: 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	
RUSTLER 1589	T. DEVONIAN	T. OJO ALAMO	
BASE SALT 2687	T. SILURIAN	T. KIRTLAND-FRUITLAND	
TANSILL 2743	T. MONTOYA	T. FARMINGTON	
T. YATES 2845	T. SIMPSON	T. PICTURED CLIFFS	
T. 7 RIVERS 3077	T. McKEE	T. MENELEE	
T. QUEEN 3732	T. ELLENBURGER	T. POINT LOOKOUT	
T. GRAYBURG 4097	T. GR. WASH	T. MANCOS	
T. SAN ANDRES 4365	T. GRANITE	T. DAKOTA	
T. GLORIETA 5979	T.	T. MORRISON	
PADDOCK PAY 6114	T.	T. PENN	
T. TUBBS	T.	T.	
T. ABO	T.	T.	
T. PENN	T.	T.	
T. MISS	T.	T.	

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION	FROM	TO	THICKNESS IN FEET	FORMATION
0	41	41	Caliche				
41	1589	1548	Red Bed				
1589	1617	28	Anhydrite				
1617	3131	1514	Anhydrite & salt				
3131	4270	1139	Anhydrite				
4270	6012	1742	Lime				
6012	6172	160	Lime & Dolomite				
6172	6270	98	Lime				
	T.D.						

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.

October 12, 1964

COMPANY OR OPERATOR Humble Oil & Refining Company ADDRESS Box 2100, Hobbs, New Mexico (DATE) 88240
NAME W. H. [Signature] POSITION OR TITLE Agent

PPLEMENTAL WELL INFORMATION

NAME OF WELL AND NUMBER New Mexico State K Well #31

POOL COMPLETED IN Vacuum Glorieta

PERFORATED INTERVAL 6162, 6164, 6168, 6170, 6172, 6174, 6176

STIMULATIONS: Min. press. 1000#. Job by Halliburton.

POTENTIAL TEST

DATE	CHOKE SIZE	HOURS TESTED	BBLs/DAY		% OF BS&W	GAS MCF /DAY	GOR	TBG PR OR S P M	CSG PR OR L. STROKE	CORRECTED GRAVITY
			FLUID	OIL						
7-18-64	3/16	7	240	240	.5	97	400	200	-	38.1°

DRILL STEM TESTS

NO.	RESERVOIR	INTERVAL TESTED		PRESSURES			RECOVERY - FEET	RUN BY
		FROM	TO	I. SI.	F. FLOW.	F. SI.		
	None							

CORES: None

LOGS: Gamma Ray - Sonic with caliper - PGAC - from 6270 to surface on 7-14-64.

UNSUCCESSFUL COMPLETION ATTEMPTS: FROM NONE TO NONE
(SEE DAILY DRILLERS REPORTS FOR
SQUEEZES OR BRIDGES.)