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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 <small>(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.)</small>		
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator HUMBLE OIL & REFINING COMPANY		8. Farm or Lease Name New Mexico State "K"
3. Address of Operator Box 2100, Hobbs, New Mexico 88240		9. Well No. 29
4. Location of Well UNIT LETTER "K" 2310 FEET FROM THE South LINE AND 1981 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.) 3957 D.F.		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 <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input checked="" type="checkbox"/> Install Pumping Unit

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.

Pumping unit installed during April, 1965.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.		
SIGNED <u>E. H. [Signature]</u>	TITLE <u>District Adm. Supvr.</u>	DATE <u>5-10-65</u>
APPROVED BY <u>[Signature]</u>	TITLE <u></u>	DATE <u></u>
CONDITIONS OF APPROVAL, IF ANY:		

NEW MEXICO OIL CONSERVATION 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.

AREA 640 ACRES
 LOCATE WELL CORRECTLY

HUMBLE OIL & REFINING COMPANY

New Mexico State "K"

(COMPANY OR OPERATOR)

(LEASE)

WELL NO. 29 IN NE $\frac{1}{4}$ 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 1981 FEET FROM West LINE

OF SECTION 28 IF STATE LAND THE OIL AND GAS LEASE NO. IS A-1320

DRILLING COMMENCED June 13, 19 64 DRILLING WAS COMPLETED June 27, 19 64

NAME OF DRILLING CONTRACTOR Rod Ric Corporation

ADDRESS Midland, Texas

ELEVATION ABOVE SEA LEVEL AT TOP OF TUBING HEAD 3957 D.F. THE INFORMATION GIVEN IS TO BE

KEPT CONFIDENTIAL UNTIL -, 19 - DATE WELL COMPLETED 6-30-64

DISTANCE FROM RDB TO CSG. HEAD FLANGE 11.65 TOP OF RDB 1.0

OIL SANDS OR ZONES

NO. 1, FROM 6120-6128 TO - NO. 4, FROM - 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	New	1568	Baker	-	-	Surface
4-1/2	9.5 & 11.6	New	6196	Baker	-	6120-6128	Oil String
*2-3/8	4.7	New	6136	-	-	-	-

*Tubing

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	1583	700	Pumped	-	Cement Circulated
7-7/8	4-1/2	6208	900	Pumped	-	2800' 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 gallons 10% MCA acid with 2/10 of 1% of inhibitor and 3% Morflo II on bottom. Perforated 4-1/2" casing from 6120 to 6128 with one radio active jet shot per foot, selective fired. Acidized above perforations with the above 500 gallons of MCA acid with an average injection rate of 1 BPM. Maximum pressure 1400#.

(Continued)

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

TOTAL DEPTH 6210' (Driller's Total Depth)

PERD. 6194'

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 6210* FEET, AND FROM FEET TO FEET.
CABLE TOOLS WERE USED FROM FEET TO FEET, AND FROM FEET TO FEET.

*Driller's Total Depth.

PRODUCTION

PUT TO PRODUCING June 30 19 64

OIL WELL: THE PRODUCTION DURING THE FIRST 4-1/2 HOURS WAS 67 BARRELS OF LIQUID OF WHICH 100%

WAS OIL, % WAS EMULSION, % WATER, AND % WAS

SEDIMENT. A.P.I. GRAVITY 38.2°

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.
Base Salt 2690
Tansill 2745
T. YATES 2848
T. 7 RIVERS 3080
T. QUEEN 3729
T. GRAYBURG 4088
T. SAN ANDRES 4354
T. GLORIETA 5961
Paddock Pay 6098
T. TUBBS
T. ABO
T. PENN
T. MISS

T. DEVONIAN
T. SILURIAN
T. MONTOYA
T. SIMPSON
T. McKEE
T. ELLENBURGER
T. GR. WASH
T. GRANITE
T.
T.
T.
T.
T.

T. OJO ALAMO
T. KIRTLAND-FRUITLAND
T. FARMINGTON
T. PICTURED CLIFFS
T. MENESEE
T. POINT LOOKOUT
T. MANCOS
T. DAKOTA
T. MORRISON
T. PENN
T.
T.
T.
T.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION	FROM	TO	THICKNESS IN FEET	FORMATION
0	1320	1320	Red Bed				
1320	1585	265	Anhydrite				
1585	2255	670	Salt				
2255	3310	1055	Salt and Anhydrite				
3310	4341	1031	Anhydrite				
4341	4973	632	Lime				
4973	5383	410	Lime and Sand				
5383	6028	645	Lime				
6028	6173	145	Lime and Dolomite				
6173	6210	37	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.

July 29, 1964

COMPANY OR OPERATOR Humble Oil & Refining Company

ADDRESS Box 2100, Hobbs, New Mexico 88240 (DATE)

NAME

POSITION OR TITLE Agent

SUPPLEMENTAL WELL INFORMATION

NAME OF WELL AND NUMBER New Mexico State "K" Well No. 29

POOL COMPLETED IN Vacuum Glorieta

PERFORATED INTERVAL 6120-6128 with one radio active jet shot per foot, selective fired

STIMULATIONS: Minimum pressure 1200#. 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						
6-30-64	1/4	4-1/2	357	357	-	40	597	250	-	38.2°

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 - Lane Wells - from 6210 to surface on 6-28-64.
Caliper - Lane Wells - from 6210 to 2600 on 6-28-64.

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