

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

The Superior Oil Co.

3. ADDRESS OF OPERATOR

9 Greenway Plaza - Suite 2700 - Houston, TX 77046

4. LOCATION OF WELL (Report location clearly and in accordance with any State Requirements BY

At surface 660 FNL & 1980 FEL

At top prod. interval reported below

At total depth Same

14. PERMIT NO.

30-015-25544

DATE ISSUED

7-23-85

15. DATE SPUDDED

8-15-85

16. DATE T.D. REACHED

8-28-85

17. DATE COMPL. (Ready to prod.)

11-26-85

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

GR-3198, KB-3211

19. ELEV. CASINGHEAD

3198

20. TOTAL DEPTH, MD & TVD

5666

21. PLUG, BACK T.D., MD & TVD

5515

22. IF MULTIPLE COMPL. HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

2832-3150 Delaware

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CN/LD, Comp Sonic, DLL-MSFL

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	54.5#	665	17-1/2	650x C + 250x Neat (1188	cf) circ
8-5/8	24#	2615	12-1/4	1200x Lite + 300x Neat (1598	cf) circ
5-1/2	15.5#	5666	7-7/8	650x Lite + 450x Neat (1771	cf) circ

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8	SN @ 3093	2630

31. PERFORATION RECORD (Interval, size and number)

Perf w/4 JSPF 5593-5601 (33 holes)

SEE REVERSE

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5601-5504	Spot 100 gal 7-1/2% DINE FE HCL.
5593-5601	Acidz Bone Spring w/1200 gal 7½% DINE FE HCL w/750 SFF/bbl N2 + 66 RCNBS. Mini frac w/4200 gal

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11-26-85		2-1/2 x 2 x 16 pump				producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-9-86	24		→	39	51	198	1308
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→			3400	40.4 @ 60°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY

T. J. Auld

35. LIST OF ATTACHMENTS

Set logs, Inclination Survey

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Nancy Laws

TITLE

DATE 1-10-86

(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Captain Reef Delaware Bone Spring	1194 2831 5450	2831 5450 5666	Limestone Sand, Shale and some Limestone Mostly Limestone, minor sands			
#31 Contd:				#32 Contd:		
Perf Delaware w/LJSP2F 3082-3150 OA (46 holes)			5550 Set 5-1/2 CIBP, cap w/35' Class C.			
Perf Delaware w/LJSPF 3064-82, 3092-96 (24 holes)			3082-3150 Acidz w/4600 gal 7-1/2% HCL MOD 101 acid + 92 RCNBS.			
			3207-2700 Spot 50x Cl C Neat.			
Perf Delaware w/LJSPF 2832-2950			3064-3096 Acidz w/2400 gal 7-1/2% HCL MOD 101 acid + 48 RCNBS. Hracc w/13,900 gal + 75 Qual N2 foam + 50% Methanol w/15,000# 24/40 sd + 6000# 12/20 sd.			
			2832-2950 Acidz w/4200 gal 7-1/2% HCL MOD 101 acid + 42 RCNBS. SWF w/62,000 gal 75 Qual N2 foam + 50% Methanol + 88,000# 20/40 sd + 32,000# 12/20 sd + 10 RCNBS.			

INCLINATION REPORT

ATTN: PRODUCTION ACCOUNT SUPERVISOR, NANCY LEWIS

OPERATOR Mobil Producing Texas and New Mexico

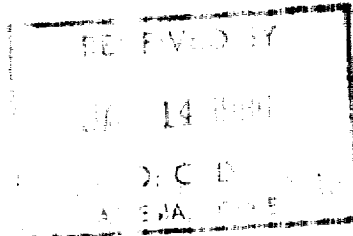
Nine Greenway Plaza, Suite 2700, Houston, Texas 77046

LEASE NAME Government "D" No. 8

COUNTY, STATE Eddy County, N.M.

RECORD OF INCLINATION

*Measured Depth (Feet)	Course Length (Hundreds of Feet)	*Angle of Inclination (Degrees)	Displacement Per 100' (Sine of Angle x 100')	Course Displacement (Feet)	Accumulative Displacement (Feet)
256	259	1/2	.87	2.25	2.25
665	406	3/4	1.31	5.31	7.56
1093	428	3/4	1.31	5.60	13.16
1545	452	1/2	.87	3.93	17.09
2047	502	1/4	.44	2.20	19.29
2464	317	1/4	.44	1.39	20.68
2616	252	3/4	1.31	3.30	23.98
3119	503	3/4	1.31	6.58	30.56
3622	503	1/2	.87	4.37	34.93
4106	484	1/2	.87	4.21	39.14
4608	502	3/4	1.31	6.57	45.71
5101	493	1/2	.87	4.28	49.99
5552	451	1 1/4	2.18	9.83	59.82
5666	114	1 1/4	2.18	2.48	62.30



Is any information shown on the reverse side of this form? no

Accumulative total displacement of well bore at a total depth 5666 feet=62.30.

I declare that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct and complete to the best of my knowledge. This certification covers all data as indicated by asterisks by the item numbers on this form.

Signature of Authorized Representative

Gloria Tellez, Drilling Secretary

Name of Person and Title

Hillin Drilling Company, Inc.

Name of Company

Telephone 915 Area 563-3560 Number

Sworn to me and subscribed before
me this 3rd day of September 1985.