

(November 1983)

(Form No. 9-888)

UNITED STATES

SUBMIT IN DUPLICATE*

Subject Bureau No. 1004-013/
Expires August 31, 1985

C/ST

RECEIVED BY

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

NOV 4 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____
 b. TYPE OF COMPLETION: NEW ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESER. ☐ Other _____

2. NAME OF OPERATOR

The Superior Oil Company

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)*

At surface 660 FNL & 660 FEL

At top prod. interval reported below

Same

At total depth

14. PERMIT NO.

30-015-25346

DATE ISSUED

7-23-85

12. COUNTY OR PARISH

Eddy

13. STATE

NM

15. DATE SPUDDED

9-13-85

16. DATE T.D. REACHED

9-24-85

17. DATE COMPL. (Ready to prod.)

10-21-85

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

GR-3189 KB-3201

19. ELEV. CASINGHEAD

3189

20. TOTAL DEPTH, MD & TVD

5735

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

5690

22. IF MULTIPLE COMPL., HOW MANY*

→

23. INTERVALS DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

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

5607-5630 Bone Spring

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL-LDT-Cal-Gamma ray-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#	660	17-1/2	650x C (858 cu ft)	circ 175x
8-5/8	24#	2708	12-1/4	1200x BJL + 300x C (3568 cf)	circ 300x
5-1/2	14#	5735	7-7/8	700x TL + 450x C Neat	Not circ

29. LINER RECORD (1861 cf)

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	6202	5393

31. PERFORATION RECORD (Interval, size and number)

Perf Bone Spring w/2JSPF

5607-5630 (47 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5634-5534	Spot 200 gal 7-1/2 HCL acid.
5607-5630	Acidz w/4600 gal 7-1/2 HCL w/ 750 bbl SCF/N2 + 94 RCNBS. SWF
	w/20,200 gal KCL + versagel +

33.*

PRODUCTION 24000# 20/40 sd + 8000# 12/20 sd.

DATE FIRST PRODUCTION

10-21-85

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

flowing

WELL STATUS (Producing or shut-in)

producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-25-85	24	16/64"	→	113	131	8	1159
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
610	0	→	113	131	8	44.4 @ 60°	

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

Sold

TEST WITNESSED BY

T. J. Auld

35. LIST OF ATTACHMENTS

Logs, Inclination Survey

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

SIGNED

Mary Lewis

TITLE

CARPENTER PRODUCING CO. & N.M. INC.
AS AGENT FOR THE SUPERIOR OIL COMPANY

DATE

10-30-85

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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	1224 2903 5475	2903 5475 5735	Limestone Sand, Shale & some Limestone Mostly Limestone, minor sands			

SECTION ADJUTANT SUPERVISOR, NANCY LEW

Oil Producing Texas and New Mexico, Suite 2700
 Nine Greenway Plaza, Houston, Texas 77046
 WE Government D No. 10 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)
229	229	1/4	.44	1.00	1.00
660	431	1 1/4	2.18	9.39	10.39
1159	499	3/4	1.31	6.53	16.92
1644	485	1	1.75	8.48	25.40
2089	445	1	1.75	7.78	33.18
2507	418	1	1.75	7.31	40.49
2708	201	1 1/4	2.18	4.38	44.87
3194	486	1	1.75	8.50	53.37
3661	467	1 1/4	2.18	10.18	63.55
4136	475	1 1/4	2.18	10.35	73.90
4632	496	1	1.75	8.68	82.58
4957	325	1	1.75	5.68	88.26
5400	443	3/4	1.31	5.80	94.06
5740	340	3/4	1.31	4.45	98.51

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

Accumulative total displacement of well bore at a total depth 5740 feet = 98.51.

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.

Gloria Tellez
 Signature of Authorized Representative

Gloria Tellez, Drilling Secretary

Name of Person and Title

Hillin Drilling Company, Inc.
 Name of Company

Telephone 915 563-3560
 Area Number

Sworn to me and subscribed before
 me this 30th day of September 1985.

Philip G. Casner
 PHILIP G. CASNER
 Notary Public, State of Texas
 My Commission Expires 4/25/90