

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name
Elkan "A"

9. Well No.
1

10. Field and Pool, or Wildcat
Undesignated

12. County
Lea

NO. OF COPIES RECEIVED
DISTRIBUTION
SANTA FE
FILE
U.S.G.S.
LAND OFFICE
OPERATOR

1a. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator
The Superior Oil Company

3. Address of Operator
P. O. Box 1900, Midland, Texas 79701

4. Location of Well
UNIT LETTER **C** LOCATED **1830** FEET FROM THE **West** LINE AND **660** FEET FROM

THE **North** LINE OF SEC. **34** TWP. **13-S** RGE. **34-E** NMPM

15. Date Spudded **12-5-69** 16. Date T.D. Reached **1-15-70** 17. Date Compl. (Ready to Prod.) **2-6-70** 18. Elevations (DF, RKB, RT, GR, etc.) **KB 4147, GL 4132** 19. Elev. Casinghead **4132**

20. Total Depth **10,500** 21. Plug Back T.D. **10,436** 22. If Multiple Compl., How Many **-----** 23. Intervals Drilled By **0-10,500** Rotary Tools **-----** Cable Tools **-----**

24. Producing Interval(s), of this completion - Top, Bottom, Name
Upper Penn: Top 10,382 (-6235) Perfs: 10,385-93 (-6238 to -6246)
Bottom 10,438 (-6291) 25. Was Directional Survey Made **No**

26. Type Electric and Other Logs Run
Schlumberger Gamma Ray-Sonic, Induction Electric Log 27. Was Well Cored **No**

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
11-3/4"	42	400	15"	440 sx	None
8-5/8"	32	4500	11"	766 sx	None
5-1/2"	17	10,500	7-7/8"	500 sx	None

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
	None				2-7/8"	0' - 4656'
					2-3/8"	4656' - 10,423'

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
10,385-10,393 w/4 JSPP (total holes - 24 0.5" diameter)		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		10,385-93	#1. 750 gal 15% MCA acid
		10,385-93	#2. 2000 gal 15% reg & 4000 gal CRU
		10,385-93	#3. 750 gal 15% MCA acid

33. PRODUCTION
Date First Production **2-6-70** Production Method (Flowing, gas lift, pumping - Size and type pump) **Pumping** Well Status (Prod. or Shut-in) **Prod.**
Date of Test **3-11-70** Hours Tested **24** Choke Size **---** Prod'n. For Test Period **22** Oil - Bbl. **2** Gas - MCF **109** Water - Bbl. **91** Gas - Oil Ratio **91**
Flow Tubing Press. **-----** Casing Pressure **0** Calculated 24-Hour Rate **22** Oil - Bbl. **2** Gas - MCF **109** Water - Bbl. **44.0** Oil Gravity - API (Corr.) **44.0**

34. Disposition of Gas (Sold, used for fuel, vented, etc.) **Vented at present** Test Witnessed By **H. T. Francis**

35. List of Attachments
Schlumberger Gamma Ray-Sonic, Induction Electrical Log plus DST data

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED **T.D. Clay** T.D. Clay TITLE **Production Engineer** DATE **March 12, 1970**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates 2895 (+1252)	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen 3688 (+459)	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres 4303 (-156)	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard 7192 (-3045)	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo 7872 (-3725)	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp 9597 (-5450)	T. _____	T. Chinle _____	T. _____
T. Penn. 10,382 (-6235)	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	365	365	Redbeds, limestone	9900	10054	154	Limestone, shale, chert
365	400	35	Limestone, redbeds	10054	10227	173	Limestone, tr chert
400	1892	1492	Redbeds	10227	10328	101	Limestone, tr chert
1892	2507	615	Anhydrite, salt	10328	10360	32	Limestone, shale, tr chert
2507	3131	624	Anhydrite, salt	10360	10410	50	Limestone, shale, tr chert
3131	3724	593	Anhydrite, salt	10410	10428	18	Limestone, shale
3724	4080	356	Salt, anhydrite	10428	10500	72	Shale, limestone
4080	4500	420	Limestone				
4500	4853	353	Limestone				
4853	5291	438	Limestone				
5291	5758	467	Limestone				
5758	6230	472	Limestone				
6230	6307	77	Limestone				
6307	6707	400	Limestone				
6707	7118	411	Limestone				
7118	7520	402	Limestone				
7520	7720	200	Limestone				
7720	8163	443	Limestone, shale				
8163	8404	241	Limestone, shale				
8404	8677	273	Dolomite				
8677	8830	153	Limestone, shale				
8830	9065	235	Limestone, shale				
9065	9325	260	Limestone, shale				
9325	9420	95	Limestone, tr chert				
9420	9654	234	Limestone, shale, tr cht				
9654	9740	86	Limestone, shale				
9740	9820	80	Limestone, shale, tr cht				
9820	9900	80	Limestone, shale, chert				

MAR 15 1970

THE SUPERIOR OIL COMPANY
ELKAN "A" NO. 1
1830' FWL & 660' FNL
SECTION 34, T-13-S, R-34-E
UNDESIGNATED FIELD
LEA COUNTY, NEW MEXICO

DRILL STEM TEST DATA

DST #1 10,294-10,360

Lower Wolfcamp

Halliburton tester on dry DP, 5/8" btm chk, pkrs set @ 10,286 & 10,294. TO for 15 minute preflow w/weak to good blow. SI for 1 hr ISIP. TO for 2 hr test w/good blow w/GTS in 23 mins, Max TP 6# on 1/4" surf chk, Final TP 0 on 1/2" chk at end of test, gas TSTM. SI 2 hrs. POH. Rec 216' O&GCM. 1 hr ISIP 2371, FP 108-129, 2 hr FSIP 2328, HP 4907 in & 4821 out. BHT 152°.

DST #2 10,363-10,410

Upper Penn

Halliburton tester on dry DP, 5/8" btm chk, pkrs set @ 10,355 & 10,363. TO for 15 min preflow w/good blow. SI 1 hr. TO for 2-1/2 hr test on 1/4" surf chk, sl amount gas to top in 5 mins, rich gas to top in 30 mins, Max TP 10# in 20 mins decr to 4# in 2 hrs. Changed to 1/2" chk last 1/2 hr. Final TP 1#, gas TSTM. SI 2 hr. POH & rec 463' heavily O&GCM. 1 hr ISIP no good, FP 118-213, 2 hr FSIP 1885, HP 5137 in & 5069 out, BHT 154°.