

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-14982	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR MESA PETROLEUM CO		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701		8. FARM OR LEASE NAME STANCEL FEDERAL	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FSL & 1980' FWL		9. WELL NO. 1	
At top prod. interval reported below SAME		10. FIELD AND POOL, OR WILDCAT WILDCAT ABO	
At total depth SAME		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC 23, T5S, R24E	
14. PERMIT NO. 4-17-80		12. COUNTY OR PARISH CHAVES	
DATE ISSUED AUG 1 1980		13. STATE NEW MEXICO	
15. DATE SPUNDED 5-18-80	16. DATE T.D. REACHED 5-27-80	17. DATE COMPL. (Ready to prod.) 7-12-80	18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3996.5' GR
19. ELEV. CASINGHEAD 3997'	20. TOTAL DEPTH, MD & TVD 5268'		
21. PLUG, BACK T.D., MD & TVD 5000'	22. IF MULTIPLE COMPL., HOW MANY*		
23. INTERVALS DRILLED BY ALL			24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3786' -----3966', ABO
25. WAS DIRECTIONAL SURVEY MADE NO			26. TYPE ELECTRIC AND OTHER LOGS RUN CNL-FDC/DLL
27. WAS WELL CORED NO			
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13 3/8"	48#	296'	17 1/2"
8 5/8"	24#	1601'	12 1/4"
4 1/2"	10.5#	5267'	7 7/8"
CEMENTING RECORD		AMOUNT PULLED	
320 sx "C" + 2% CaCl		-	
550 HLW/200 "C"		-	
1080 50/50 POZ		-	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SCREEN (MD)
2 3/8"			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	3952'	-	
31. PERFORATION RECORD (Interval, size and number)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		AMOUNT AND KIND OF MATERIAL USED	
DEPTH INTERVAL (MD)		A/3000 gals 7 1/2% MSR-123	
3942'---66'		F/30,000 gals 75% Foam + 29,500# 20-40 SS	
3942'---66'		A/2500 gals 7 1/2% MSR-123	
3786'-3812'		F/30000 gals Foam+ 29,500# 20-40 SS	
33. PRODUCTION 3786'-3812'			
DATE FIRST PRODUCTION 7-12-80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOWING	
WELL STATUS (Producing or shut-in) SI		DATE OF TEST 7-15-80	
HOURS TESTED 4	CHOKE SIZE 28/64"	PROD'N. FOR TEST PERIOD →	OIL—BBL. -
GAS—MCF. 275.7	WATER—BBL. -	GAS-OIL RATIO DRY	
FLOW. TUBING PRESS. 845	CASING PRESSURE 883	CALCULATED 24-HOUR RATE →	OIL—BBL. -
GAS—MCF. 1654	WATER—BBL. -	OIL GRAVITY-API (CORR.) -	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented		TEST WITNESSED BY R. Pagan	
35. LIST OF ATTACHMENTS C-122, Record of Inclination, C-102			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED R. P. Martin		TITLE REGULATORY COORDINATOR	
DATE July 25, 1980			

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

XC: USGS (6), TLS, JWH, CEN RCDS, ACCTG, MEC, FILE, PARTNERS

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
 Supersedes C-128  
 Effective 1-4-85

All distances must be from the outer boundaries of the Section

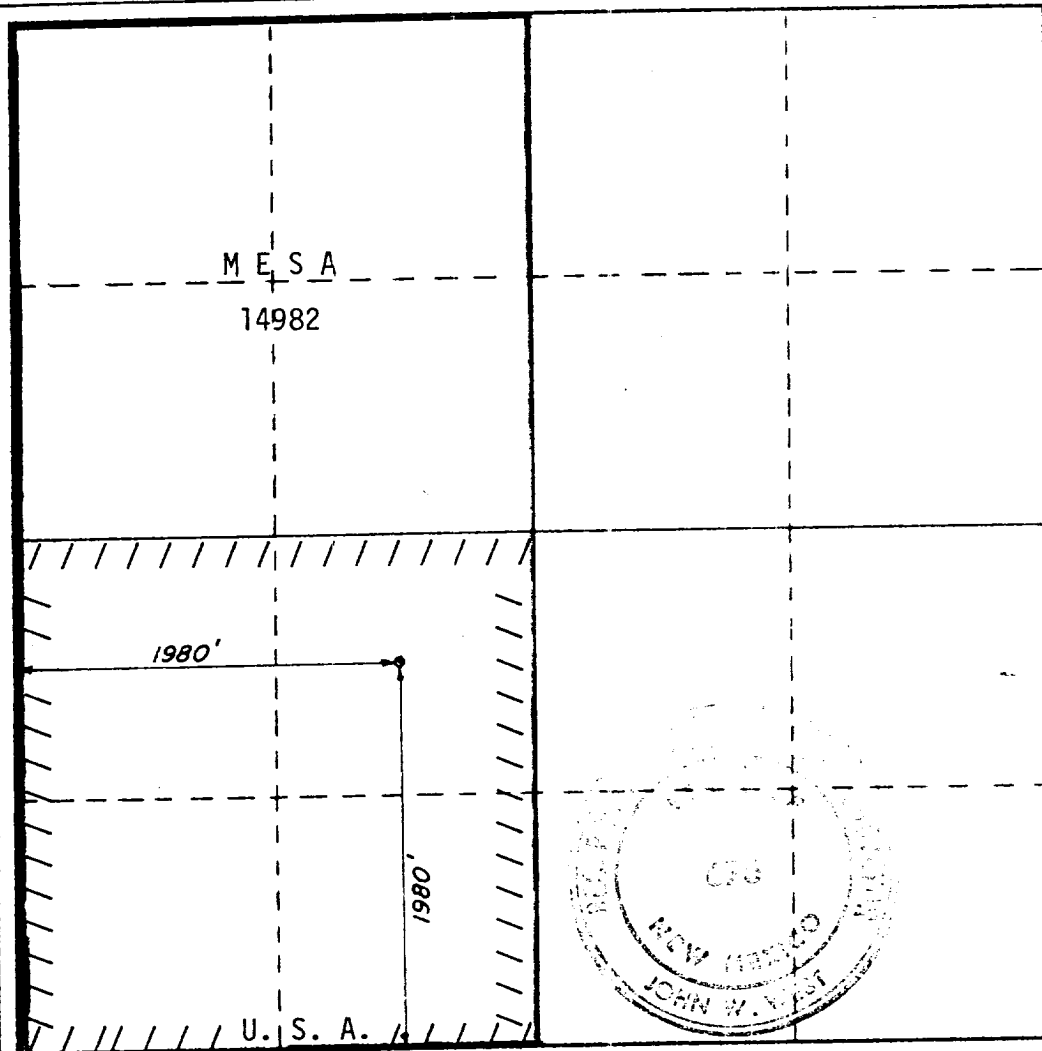
Operator <b>Mesa Petroleum Co.</b>			Lease <b>Stancel Federal</b>		Well No. <b>1</b>
Unit Letter <b>K</b>	Section <b>23</b>	Township <b>5 South</b>	Range <b>24 East</b>	County <b>Chaves</b>	
Actual Footage Location of Well:					
1980 feet from the <b>South</b> line and		1980 feet from the <b>West</b> line			
Ground Elev. <b>3996.5</b>	Producing Formation <b>ABO</b>	Pool <b>Wildcat</b>		Dedicated Acreage: <b>SW/4 160</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



**CERTIFICATION**

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

*R. E. Mathis*

Name  
**R. E. Mathis**  
 Position  
**Regulatory Coordinator**  
 Company  
**Mesa Petroleum Co.**  
 Date  
**July 25, 1980**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**3-26-1980**  
 Registered Professional Engineer  
 and/or Land Surveyor

*John W. West*

Certificate No. **JOHN W. WEST 676**  
**PATRICK A. ROMERO 6668**  
**Ronald J. Eidson 3239**

0 330 660 990 1320 1650 1980 2310 2640 2000 1800 1000 800

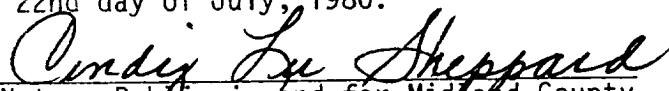
MESA PETROLEUM CO ✓  
STANCEL FEDERAL #1  
1980' FSL & 1980' FWL  
SEC 23, T5S, R24E  
CHAVES COUNTY, NEW MEXICO

RECORD OF INCLINATION

<u>(Depth)</u>	<u>(Deviation)</u>
104	1
215	1
296	1 1/4
609	1 3/4
699	3 1/2
823	3 1/4
916	3 1/4
1009	2
1130	1 1/2
1316	1 1/2
1600	1
2016	1 1/4
2509	1
3007	3/4
3504	1/4
3999	1
4435	1
5004	1 3/4
5268	1/4

  
BY: R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 22nd day of July, 1980.

  
Notary Public in and for Midland County,  
Texas.

Commission Expires: 8-1-81