

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NM OIL CONS COMMISSION

Drawer DD

Artesia, NM 88210

Budget Bureau No. 42-N3800

NM-19421

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

STURGEON FED COM

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

UNDESIG PECOS SLOPE ABO

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

SEC 8, T7S, R26E

12. COUNTY OR
PACHAVER

13. STATE
NEW MEXICO

1a. TYPE OF WELL:

OIL

WELL

☐

GAS

WELL

☒

DRY

☐

OTHER

☐

b. TYPE OF COMPLETION:

NEW

WELL

☒

WORK

OVER

☐

DEEP-

EN

☐

PLUG

BACK

☐

DIFF.

RESV.

☐

OTHER

☐

2. NAME OF OPERATOR

MESA PETROLEUM CO. ✓

OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

3. ADDRESS OF OPERATOR

1000 VAUGHN BUILDING/MIDLAND, TX 79701-4493

4. LOCATION OF WELL (Report location clearly and in accordance with the following requirements)*

At surface

660' FNL & 990' FNL

At top prod. interval reported below

SAME

At total depth

SAME

SEP 30 1982

14. PERMIT NO. O.C.D. DATE ISSUED
ARTESIA, OFFICE 5-21-82

12. COUNTY OR
PACHAVER

13. STATE
NEW MEXICO

15. DATE SPOOLED

5-25-82

16. DATE T.D. REACHED

6-4-82

17. DATE COMPL. (Ready to prod.)

6-19-82

18. ELEVATIONS (OF, RES. RT, GR, ETC.)*

3586' GR

19. ELEV. CASINGHEAD

3586'

20. TOTAL DEPTH, MD & TVD

4350'

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

4059'

22. IF MULTIPLE COMPL.,

HOW MANY*

-

23. INTERVALS

DRILLED BY

ROTARY TOOLS

ALL

CABLE TOOLS

-

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

3672' --- 3844', ABO

25. WAS DIRECTIONAL

SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CLL/GR-CNL-FDC

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
10 3/4"	40.5#	955'	14 3/4"	700/200	
4 1/2"	10.5#	4135'	7 7/8"	350	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3684'	-

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

3672', 73', 74', 75', 76', 78', 79', 80',
81', 82', 83', 3759', 60', 61', 3821', 22',
23', 24', 25', 28', 29', 30', 31', 43', 44;
total 25 holes 3 1/8" csg gun 1 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3672'---3844'	A/3800 gal 7 1/2% HCL + 62 BS
3672'---3844'	F/64,000 gal X-link gel KCL + CO2 + 111,000# 20/40 sd + 88,000# 10/20 sd

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
-		FLOWING					SHUT-IN	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
6-19-82	4	-	→	-	302	-	-	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
629	774	→	-	1809	-	-		

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

VENTED

35. LIST OF ATTACHMENTS

C-122, RECORD OF INCLINATION

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

SIGNED

R.P. Nash

TITLE

REGULATORY COORDINATOR

DATE 6-28-82

U.S. GEOLOGICAL SURVEY

ROSWELL, NEW MEXICO

XC: MMS (7), TLS, (See Instructions and Spaces for Additional Data on Reverse), RCD, ACC, NLC, MAR, D&H, HTS (3), EHC, CUY, ROSWELL, FEB, REM, K, N, C, FILE, (PARTNERS)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement". Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

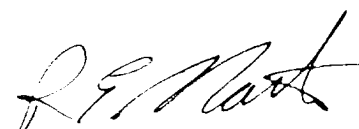
Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREIN: 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	MEAS. DEPTH	TOP
NOT LOGGED				SAN ANDRES	442'	
				GLORIETA	1412'	
				TUBB	2950'	
				ABO	3644'	

STURGEON FED COM #1
660' FNL & 990' FWL, SEC 8, T7S, R26E
CHAVES COUNTY, NEW MEXICO

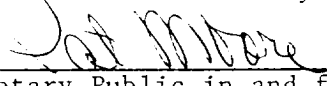
RECORD OF INCLINATION

<u>DEPTH</u>	<u>DEVIATIONS</u>
475'	$1\frac{1}{2}^{\circ}$
955'	$1\frac{1}{2}^{\circ}$
1517'	$1\frac{1}{2}^{\circ}$
2013'	1°
2506'	$3/4^{\circ}$
3033'	$1\frac{1}{2}^{\circ}$
3496'	1°
3931'	1°
4350'	$1\frac{1}{4}^{\circ}$



R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 25th day of June, 1982.



Notary Public in and for Midland
County, Texas.

Commission Expires: JUNE 26, 1985