

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

LEASE DESIGNATION AND SERIAL NO.

NM-20337

IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

FARM OR LEASE NAME

BEDFORD FEDERAL

WELL NO.

2

FIELD AND POOL, OR WILDCAT

UNDESIGNATED ABO

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

SEC 18, T6S, R25E

COUNTY OR
PARISH

CHAVES

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.
RESVR. ☐Other ☐

2. NAME OF OPERATOR

MESA PETROLEUM CO.

3. ADDRESS OF OPERATOR

1000 VAUGHN BLDG./MIDLAND, TEXAS 79701-4493

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 SAME

14. PERMIT NO.

ARTESIA, OFFICE

5-14-81

15. DATE SPUDDED

6-1-81

16. DATE T.D. REACHED

6-29-81

17. DATE COMPL. (Ready to prod.)

8-26-81

18. ELEVATIONS (DF, REF. BT. GR, ETC.)*

3994.9' GR

19. ELEV. CASINGHEAD

3995'

20. TOTAL DEPTH, MD & TVD

4303'

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

4223'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

ALL

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

3714'----3946', ABO

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CCL/GR-CNL-FDC

27. WAS WELL CORED

NO

29. 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	48#	910'	17 1/2"	600 LT/250 Thixset/200 "C"	400 Thixset
8 5/8	24#	1940'	11"	600 LT/250 Thixset/300 "C"	
4 1/2	10.5#	4300'	7 7/8"	500 LT/350 Pozrix	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	3616'	-

31. PERFORATION RECORD (Interval, size and number)

3714', 50', 76'-78', 87', 99', 3820', 22',
24', 26', 3931'-41', 45', 46', total of
24 holes 3 1/8" csg gun 1 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3714'--3946'	A/3000 gal 7 1/2% HCL + 45BS
3714'--3946'	F/39,000 gal gelled 2% KCL & CO ₂ + 7500# 100 Mesh Sd + 73,500# 20-40 Mesh 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
8-26-81	1	-	→	-	-	-	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
260	245	→	-	CAOF=400	-	-	-

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

VENTED

TEST WITNESSED BY

E.L. BUTTROSS, JR.

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 records

SIGNED

R. F. Neal

TITLE

REGULATORY COORDINATOR

DATE

9-16-81

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

XC: USGS (6), TLS, CEN RCDS, ACCTG, MEO, D&M, EEB, LMC, CTY, MTS (3), PARTNERS,
REM, K, TW, ROSWELL, FILE

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 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	MEAS. DEPTH	TRUE VERT. DEPTH
NOT LOGGED				SAN ANDRES GLORIETA TUBB ABO	524 1440 2996 3635	

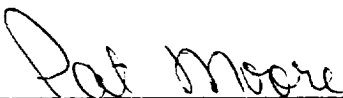
MESA PETROLEUM CO.
BEDFORD FEDERAL #2
660' FNL & 660' FEL, SEC 18, T6S, R25E
CHAVES COUNTY, NEW MEXICO

RECORD OF INCLINATION

<u>(Depth)</u>	<u>(Deviation)</u>
505'	1/4°
921'	1/2°
1943'	1 1/4°
1943'	1 1/4°
3100'	1 1/2°
3625'	1 1/2°
4125'	1°


BY: R.E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 16th day of September, 1981.


Notary Public in and for Midland, County,
Texas.

Commission Expires: Le. 26-85