

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 42-R355.6.NM OIL CONS. COMMISSION
Drawer D
Artesia, NM 88210

LEASE DESIGNATION AND SERIAL NO.

NM-36648
IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

FARM OR LEASE NAME

CHINA FEDERAL

WELL NO.

FIELD AND POOL, OR WILDCAT

UNDESIGNATED ABO
11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREASEC 18, T7S, R23E
12. COUNTY OR
PARISH
CHAVES
13. STATE
NEW MEXICO

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Otherb. 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 BUILDING/MIDLAND, TX 79701-4453

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 1322' FSL & 2080' FEL

At top prod. interval reported below

SAME

At total depth

SAME

14. PERMIT NO.

DATE ISSUED

5-17-82

15. DATE SPUDDED

5-19-82

16. DATE T.D. REACHED

5-23-82

17. DATE COMPL. (Ready to prod.)

6-8-82

20. TOTAL DEPTH, MD & TVD

3400'

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

3062'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS BETWEEN TOOLS

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

2858'---2989', ABO

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CLL/GR-CNL-FDC

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	1511'	12 1/4"	700/200/600	
4 1/2"	10.5#	3104'	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"	2765'	-

31. PERFORATION RECORD (Interval, size and number)

2858'-64', 2871'-83', 2977'-89';
total of 33 holes
3 1/8" csg gun 1 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2858'---2989'	A/5001 Gal 7 1/2% HCL + 55 BS
2858'---2989'	F/60,000 Gal X-Link Gel KCL
	+ CO2 + 128,000# 20/40 +
	78,000# 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
6-8-82	4	-	→	-	233	-	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
506	631	→	-	1397	-	-	

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. S. L. H. TITLE REGULATORY COORDINATOR DATE 6-16-82

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

XC: MMS (7), TLS, CEN RCDS, ACCTG, MEC, MAH, D&M, MTS (3), LMC, CTY, ROSWELL, EEB, REM, K, TW, 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 16: 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; CURED 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	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
NOT LOGGED			SAN ANDRES	SURFACE	
			GLORIETA	569'	
			YESO	750'	
			TUBE	2152'	
			ABO	2800'	

MESA PETROLEUM CO.
CHINA FEDERAL #5
1322' FSL & 2080' FEL, SEC 18, T7S, R23E
CHAVES COUNTY, NEW MEXICO

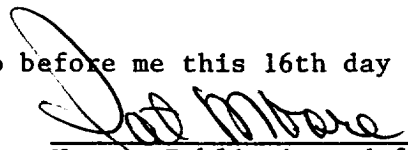
RECORD OF INCLINATION

<u>DEPTH</u>	<u>DEVIATIONS</u>
519'	1½°
1263'	1 3/4°
2055'	1 3/4°
2710'	1 3/4°



R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 16th day of June, 1982.



Notary Public in and for Midland
County, Texas.

Commission Expires: JUNE 26, 1985

