

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

N OIL CONS. COMMISSION
Budget Bureau No. 42-R355.5.

(See other instructions on reverse side)

LEASE REGISTRATION AND SERIAL NO.

NM-36648

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

China Federal

9. WELL NO.

13

10. FIELD AND POOL, OR WILDCAT

Undesignated ABO

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

Sec 20, 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 ☐ 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

P.O. Box 2009 / Amarillo, Texas 79189

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

At surface

2310' FSL & 990' FWL

At top prod. interval reported below

same

At total depth

same

14. PERMIT NO. ARTESIA, OFFICE

7-2-82

15. DATE SPUDDED

7-5-82

16. DATE T.D. REACHED

7-9-82

17. DATE COMPL. (Ready to prod.)

9-16-82

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3906' GR

3919' RKB

19. ELEV. CASINGHEAD

3906'

20. TOTAL DEPTH, MD & TVD

3211'

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

2914'

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)*

2691' - - - 2836', ABO

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-C11 / 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
8-5/8"	24#	1481'	12-1/4"	700/200/1200	
4-1/2"	10.5#	2960'	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"	2793'	-

31. PERFORATION RECORD (Interval, size and number)

2691'-97', 2702', 90', 91', 2800', 03'-08',
2817'-22', 32', 36'; total of 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
2691' - 2836'	A/4000 gal 7½% HCL + 62 BS
2691' - 2836'	F/47,700 gal X-Link Gel KCL & 12,300 gal CO ₂ + 159,000# 20/40 SD + 60,000# 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
9-16-82	4	-	→	-	-	-	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
698	745	→	-	-	-	-	

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 records

SIGNED

D. L. Buttross, Jr.

TITLE

Regulatory Division
OCT 13 1982
GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

DATE

9-20-82

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

XC: MMS (6), TLS, GEN RCDS, ACCTG, IMC, CTY, REM (FILE), MIDLAND, ROSWELL, TW, K, D&M,

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 83, below regarding separate reports for separate completions.

Item 1: 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.

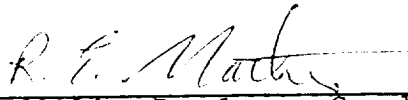
Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
NOT LOGGED				Glorieta Yeso Tubb Abo	420' 560' 1998' 2635'	

MESA PETROLEUM CO.
China Fed. No. 13
2310' FSL & 990' FWL, SEC 20, T7S, R23E
CHAVES COUNTY, NEW MEXICO

RECORD OF INCLINATION

<u>DEPTH</u>	<u>DEVIATIONS</u>
894'	1/2°
1441'	1/2°
2437'	3/4°
2931'	3/4°
3100'	1°



R. E. Mathis, Regulatory Coordinator

Subscribed and sworn to before me this 20th day of September, 1982.

Notary Public in and for Potter County, Texas.

Commission Expires: _____