

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)

Form approved,
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other <u>RECEIVED</u>				5. LEASE DESIGNATION AND SERIAL NO. NM-33266	
2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other <u>FEB 15 1982</u>				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 79701-4493				8. FARM OR LEASE NAME Huggins Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1650' FNL & 1980' FWL				9. WELL NO. 3	
At top prod. interval reported below same				10. FIELD AND POOL, OR WILDCAT Undesignated ABO	
At total depth same				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 15, T5S, R24E	
14. PERMIT NO.		DATE ISSUED 11-13-81		12. COUNTY OR PARISH Chaves	13. STATE New Mexico
15. DATE SPUDDED 12-18-81	16. DATE T.D. REACHED 12-27-81	17. DATE COMPL. (Ready to prod.) 1-23-82	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3982.3' GR	19. ELEV. CASINGHEAD 3982'	
20. TOTAL DEPTH, MD & TVD 4174'	21. PLUG, BACK T.D., MD & TVD 4114'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY A11	ROTARY TOOLS	CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3576'----3824.5', 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
13 3/8"	48#	878'	17 1/2"	700 HLW/300 Thixset/300 "C"/1200 Thixset	
8 5/8"	24#	1790'	12 1/4"	750 HLW/300 Thixset/300 "C"	
4 1/2"	10.5#	4174'	7 7/8"	491 "C"	
29. LINER RECORD			30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	
31. PERFORATION RECORD (Interval, size and number) 3576', 80', 81', 82', 83', 85.5', 3605.5' 3688', 3824.5'; total of 18 holes 3 1/8" csg gun 2 JSPF 180° phase			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE ETC.		
			DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	
			3576'----3824.5'	A/3000 gal 7 1/2% HCL -- 50 BS	
			3576'----3824.5'	F/45,000 gal X-link gel KCL & CO2 + 73,500# 20/40 SD -- 70,500# 10/20/ SD	
33. PRODUCTION					
DATE FIRST PRODUCTION --		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 1-23-82	HOURS TESTED 4	CHOKE SIZE -	PROD'N. FOR TEST PERIOD →	OIL—BBL. -	GAS—MCF. 189
FLOW. TUBING PRESS. 540	CASING PRESSURE 630	CALCULATED 24-HOUR RATE →	OIL—BBL. -	GAS—MCF. 1137	WATER—BBL. -
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented				TEST WITNESSED BY E.L. Buttross, Jr.	
35. LIST OF ATTACHMENTS C122, Record of Inclination					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <u>R. E. Nash</u>		TITLE <u>REGULATORY COORDINATOR</u>		DATE <u>1-29 82</u>	

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

XC: USGS (6), TLS, CEN RCDS, ACCTG, MEC, (REM), PARTNERS, 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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
NOT LOGGED				San Andres	598'	
				Glorietta	1421'	
				Tubb	2999'	
				Abo	3523'	

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NM OIL CONS. COM. SION
Drawn DD
Artesia, NM 88210

Form approved
Budget Bureau No. 42-R355.6.

5. LEASE DESIGNATION AND SERIAL NO.

NM-33266

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Huggins Federal

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Undesignated A30

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

Sec 15, T5S, R24E

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 ☐

RECEIVED

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

FEB 24 1982

2. NAME OF OPERATOR

MESA PETROLEUM CO.

O. C. D.

3. ADDRESS OF OPERATOR

1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701-4493

ARTESIA, OFFICE

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

At surface 1650' FNL & 1980' FWL

At top prod. interval reported below same

At total depth same

14. PERMIT NO.

DATE ISSUED

11-13-81

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

12-18-81

12-27-81

1-23-82

3982.3' GR

3982'

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. INTERVALS DRILLED BY 23. ROTARY TOOLS 24. CABLE TOOLS

4174'

4114'

A11

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

3576'---3824.5', 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
13 3/8"	48#	878'	17 1/2"	700 HLW/300 Thixset/300 "C"	1200 Thixset
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4 1/2"	10.5#	4174'	7 7/8"	491 "C"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3482'	

31. PERFORATION RECORD (Interval, size and number)

3576', 80', 81', 82', 83', 85.5', 3605.5'
3688', 3824.5'; total of 18 holes 3 1/8"
csg gun 2 JSPF 180° phase

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3576'---3824.5'	A/3000 gal 7 1/2% HCL + 50 BS
3576'---3824.5'	F/45,000 gal X-link gel KCL & CO2 + 73,500# 20/40 SD + 70,500# 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	
1-23-82	4	-	→	-	189	-	-	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
540	630	→	-	1137	-	-		

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

Vented

TEST WITNESSED BY

E.L. Buttross, Jr.

35. LIST OF ATTACHMENTS

C122, 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. E. Nook

TITLE

REGULATORY COORDINATOR

DATE

1-29-82

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

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

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NOT LOGGED				San Andres	598'	
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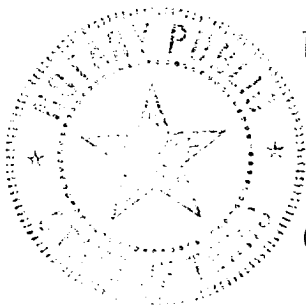
MESA PETROLEUM CO.
HUGGINS FEDERAL #3
1650' FNL & 1980' FWL, Sec 15, R24E
CHAVES COUNTY, NEW MEXICO

RECORD OF INCLINATION

<u>(DEPTH)</u>	<u>(DEVIATION)</u>
860'	1°
1360'	1°
1750'	1°
2290'	1 1/4°
2790'	1°
3290'	1°
3790'	1°
4200'	1°


BY: R.E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 29th day of January, 1982.




Notary Public in and for Midland, County,
Texas

Commission Expires: 10-31-84