

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other In-
structions on
reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

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 IN ☐ PLUG BACK ☐ DEEP RE-ENTER ☐ Other ☐

*AMENDED

2. NAME OF OPERATOR:
McKinney
Grover Oil Company

3. ADDRESS OF OPERATOR

P O Box 3666, Midland TX 79702

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

At surface

At top prod. interval reported below

1980' FSL & 660' FWL

At total depth

14. PERMIT NO.

DATE ISSUED

DIST. 6
Carlsbad, New Mexico

5. LEASE DESIGNATION AND SERIAL NO.

NM-51844

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

West Teas SR (Yates)

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

Section 9, T20S, R33E

12. COUNTY OR PARISH

13. STATE

Lea

New Mexico

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.)

11-12-87

11-20-87

12-1-87

3542.9' GR

20. TOTAL DEPTH, MD & TVD

3400'

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

3355'

22. IF MULTIPLE COMPLETIONS, HOW MANY?

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

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

3217 - 3239' Yates

MAR 3 1988
SJS

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

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#	1256'	12 1/4"	500 SX HL & 250 SX CL C	circ'd-
4 1/2"	10.5#	3400'	7 7/8"	900 SX HL & 200 SX CL C	circ'd-

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

3217, 20, 27, 31, 37 & 39 w/2 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3217-39	Acidized w/500 gals 15% NEFE *Frac w/380 bbls H2O & 60 tons CO2, 35,000# 20/40 sd & 28,500# 12/20 sand

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)				WELL STATUS (Producing or shut in)		
12-1-87		Pumping - 1 1/4" Rod				Producing		
DATE FIRST TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL BBL.	GAS MCF.	WATER BBL.	GAS-OIL RATIO	
12-3-87	24	-	→	*80	20	TSTM	35	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24 HOUR RATE	OIL BBL.		GAS MCF.	WATER BBL.	OIL GRAVITY-API (CORR.)	
20	20	→	20	*80	TSTM	35	36.0	

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

TEST WITNESSED BY

Terrell Hansen

35. LIST OF ATTACHMENTS

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

SIGNED

Paul J. Hansen

TITLE

AGENT

DATE December 9, 1987

(See Instructions and Special Instructions on Reverse Side)

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
DST #1			
Yates			
IHP	3075	3250	32 minute PF. Strong. 60 minute ISI.
IFP	1617	1619	62 minute 2nd F. 240 minute FSI.
IFP	14	18	Recovered 450' total fluid, 300' oil & gas
FFP	81	72	cut mud & 150' DF. Sampler Recovery:
ISIP	999	981	1000 cc GCO, 240 cc water - 1240 cc total.
IFP2	81	104	
FFP2	149	168	
FSIP	1053	1061	
FFP	1617	1613	

BHT - 89°

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Yates	3101	+452 subse.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

BUDGETARY INSTRUCTIONS
ON THE
REVERSE SIDE

Budget Bureau No. 1004
Expires August 31, 1985

LEASE DESIGNATION AND SERIAL

NM-51844

IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir
Use "APPLICATION FOR PERMIT" for such proposals)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐
2. NAME OF OPERATOR
Grover-McKinney Oil Company
3. ADDRESS OF OPERATOR
P O Box 3666, Midland, Texas 79702
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface 1980' FSL & 660' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RL, GR, etc.)

3542.9' GR

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

2

10. FIELD AND POOL OR WILDCAT

West Teas SR (Yates)

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

Section 9, T20S, R33E

12. COUNTY OR PARISH 13. STATE

Lea

New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLAN*

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS: (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1/26/88

Move in & rig up Halliburton. Frac w/380 bbls H2O & 60 tons CO2, 35,000# 20/40 sand & 28,500# 12/20 sand. Concentration 5#/gal. Average rate 12.5 bpm. Average pressure 3400 psi. Total fluid recovered 380 bbls. ISIP 1950, 5" 1780, 10" 1640, 15" 1590. 4 hrs SI before flow back. Install 16/64" choke @ 4 pm, 500 psi, flowing CO2 & water to pit.

18. I hereby certify that the foregoing is true and correct

SIGNED

Carol F. [Signature]

TITLE Agent

DATE February 8, 1988

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ORIG (+5) 2/9/88

*See Instructions on Reverse Side