

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE
NM OIL CO. COMMISSION
Artesia, NM 88210

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

45F

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐		RECEIVED BY JUN 18 1985 O. C. D. ARTESIA, NM		5. LEASE DESIGNATION AND SERIAL NO. NM 036718	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DEEP REPAIR ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Mountain States Petro. Corp. ✓				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 1936 Roswell, New Mexico 88201				8. FARM OR LEASE NAME Brotar Fed	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990 FNL & FEL At top prod. interval reported below At total depth				9. WELL NO. # 3	
14. PERMIT NO. 81 NM 306		DATE ISSUED 8-23-82		12. COUNTY OR PARISH Chaves	
15. DATE SPUDDED 11-13-82		16. DATE T.D. REACHED 12-16-82		13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) June 4, 1985		18. ELEVATIONS (DF, R&B, RT, GR, ETC.)* GR 3574 GL		19. ELEV. CASINGHEAD 3575	
20. TOTAL DEPTH, MD & TVD 9300 KB		21. PLUG BACK T.D., MD & TVD 9074 KB		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY 10-9300		ROTARY TOOLS		CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Morrow/Atoka 8737-8992 (OA)				25. WAS DIRECTIONAL SURVEY MADE yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN CD-DSN Dual Induction				27. WAS WELL CORED	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
14"	Conductor	30'	20"	Set	30'
8-5/8"	24	1767	12-1/4	1850 SXS	None
4-1/2	11.6	9125	7-7/8	600 SXS	None
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	8812	
31. PERFORATION RECORD (Interval, size and number)					
3/8" SPF 8963-68, 8973-77, 8982-92 3/8" SPF 8737-44					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
8963-92			388 bbl acid + 22,000 # sd.		
8737-44			17000 gal acid 14000 #sd.		
33. PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		WELL STATUS (Producing or shut-in) - WOPC	
09-01-84		variable		shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.
09-01-84	4	variable			
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	WATER—BBL.	GAS—MCF.
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vent					
35. LIST OF ATTACHMENTS E logs, Deviation statement					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <i>R. H. Hansen</i>		TITLE Geoloist		DATE 06/06/85	

*(See Instructions and Spaces for Additional Data 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):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Red Bed, anhy Sd, Sh Anhy Anhy, dolo Anhy, Red Sd. Rd Sh, Anhy Rd sh Rd sh, Anhy a sh ls ls, a sh a, blk sh, ls g, ls, g sh ls, sh, sd blk sh g ls	0 1700 1900 2900 4550 5300 5700 5700 6600 7300 7900 8200 8700 9050 9100 9100	1700 1900 2900 4550 5300 5700 6600 7300 7900 8200 8700 9050 9100 9300	Air blow 1819'	San Andres Glorieta Tubbs Abo Hueco ls Cisco Atoka Miss	1915 2868 4530 5268 6583 7310 8715 9052	

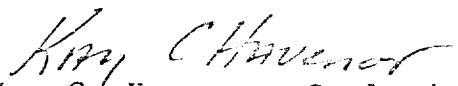
MOUNTAIN STATES PETROLEUM CORPORATION

Brotar Federal #3
Sec. 19, T15S-R28E
Chaves County, New Mexico

Deviation Survey

I certify the attached borehole deviation surveys were run
under my direction, and are correct and valid.

Mountain States Petroleum Corporation


Kay C. Havenor, Geologist

SURVEY CURVE

depth

WOB TOPS

W/L ALL

WL ALL

WL 45K

WL 40K

WL 40K

WL 45K

WL 45K

WL 45K

W/L 45K

DH 45K

DH 45K

DH 45K

DH 45K

D 45K

DH 45K1

DH 45K

DH 45K

D 45K

WL 45K

ABO

WOLF CAMP

CISCO

CANYON

STRAIN

АТОНА

MORROW

CHESTER

MISS LINE

WL - WIRELINE
DH - DOG HOUSED
D - DROPPED