

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY
 OIL CONS. COMMISSION
 Artesia, NM 88210

Form approved, Budget Bureau No. 4
RECEIVED

C/SF

5. LEASE DESIGNATION AND SERIAL NO. NM 27970
 APR 2 1982

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME O. C. D. ARTESIA, OFFICE

8. FARM OR LEASE NAME COYOTE FEDERAL

9. WELL NO. 9

10. FIELD AND POOL, OR WILDCAT UNDES PECOS SLOPE ABO

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

12. COUNTY OR PARISH CHAVES

13. STATE NEW MEXICO

14. PERMIT NO. DATE ISSUED 12-17-81

15. DATE SPUDDED 1-26-82

16. DATE T.D. REACHED 2-1-82

17. DATE COMPL. (Ready to prod.) 3-8-82

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3881.7' GR

19. ELEV. CASINGHEAD 3882'

20. TOTAL DEPTH, MD & TVD 4151' (WLTD)

21. PLUG, BACK T.E., MD & TVD 4083'

22. IF MULTIPLE COMPL., HOW MANY* 2

23. INTERVALS DRILLED BY ALL

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3639'---3902', ABO

25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN GR-CLL/GR-CNL-FDC

27. WAS WELL CORED NO

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 1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701-4493

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FSL & 660' FEL

At top prod. interval reported below

At total depth SAME

SAME

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
1-26-82	2-1-82	3-8-82	3881.7' GR	3882'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.E., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
4151' (WLTD)	4083'	2	2	ALL	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3639'---3902', ABO

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#	904'	17 1/2"	700HLW/300THIXSET/300"C"	-
8 5/8"	24#	1818'	12 1/4"	700HLW/300THIXSET/500"C"	-
4 1/2"	10.5#	4071'	7 7/8"	500"C"	-

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3529'	-

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
3639', 3884', 87', 89', 90', 91', 92', 3902'; total of 16 holes		DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED	
3 1/8" CSG GUN 2 JSPF		3884'---3902'	A/2500Ga17 1/2%HCL+35BS
		3639'	A/300Ga17 1/2%HCL
		3639'---3902'	F/42,000Ga1X-LinkGelKcl&CO2+
			51,000#20/40Sd+84,000#10/20Sd

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.	DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO.
3-8-82	1	-	→	-	21	-	-								
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)									
215	295	→	-	CAOP = 580	-	-									

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 _____ TITLE REGULATORY COORDINATOR DATE MARCH 10, 1982

ACCEPTED FOR RECORD
 ROBERT A. CHAPMAN

MAR 10 1982

filed ID 2
 & Copy Book
 SI
 4-9-82

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

Petroleum International

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COUNTY CHAVES Indefecos Slope STATE NM
 OPR MESA PETROLEUM CO. API 30-005-61296
 NO 9 LEASE Coyote Federal MAP _____
Sec 19, T7S, R25E COORD _____
1980 FSL, 660 FEL of Sec 4-4-22 NM
23 mi W/Elkins SPD 1-26-82 CMP 3-8-82

CSC
 13 3/8-904-1300 sx
 8 5/8-1818-1500 sx
 4 1/2-4071-500 sx
 2 3/8-1309

WELL CLASS: INIT D FIN DG LSE CODE			
FORMATION	DATUM	FORMATION	DATUM

TD 4151 (WFMP) PBD 4071

IP (Abo) Perfs 3639-3902 CAOF 580 MCFGPO. GOR Dry; gcy
 (ms) .65; SIWHP 895; SIBHP 903

OSIR Tom Brown QUANTITY 3882 GL sub-s 14

F.R. 12-28-81
 PD 4100 RT (Abo)
 4-24-82 AMEND FIELD: Formerly reported as Undesignate
 1-11-82 AMEND API: Formerly reported as 30-005-61296
 2-3-82 TD 4151; PBD 4071; MORT
 1-10-82 TD 4151; PBD 4071; Prep Size Gsg
 2-11-82 TD 4151; PBD 4071; Prep Acid
 Perf (Abo) @ 3639, 3884, 3887, 3889, 3890,
 3891, 3892, 3902 w/2 SPI
 Acid (3884-3902) 2500 gals
 2-24-82 TD 4151; PBD 4071; Recg Ld
 Acid (3639) 300 gals
 (Trac (3639-3902) 2810 gals gel var + 1e,000
 gals CO2 + 135,000# sd
 2-4-82 TD 4151; PBD 4071; WOPI

4-4-22 NM

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.
NOT LOGGED			
		MEAS. DEPTH	TOP TRUE VERT. DEPTH
		396'	
		1440'	
		2926'	
		3583'	
NAME			
SAN ANDRES			
GLORIETA			
TUBB			
ABO			

MESA PETROLEUM CO.
COYOTE FEDERAL #9
1980' FSL & 660' FEL, SEC 19, T7S, R25E
CHAVES COUNTY, NEW MEXICO

(DEPTH)

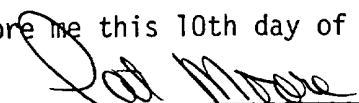
(DEVIATIONS)

440'	3/4°
904'	1°
1340'	3/4°
2300'	1 3/4°
3613'	1 1/2°



R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 10th day of March, 1982.



Notary Public in and for Midland County, Texas.

Commission Expires: 6-26-85