

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, New Mexico 87505

Form C-105
Revised 1-1-89

WELL API NO. 30-025-35675
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-2516
7. Lease Name or Unit Agreement Name Chinook State
8. Well No. 1
9. Pool name or Wildcat Sanmal Penn

WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____					
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> Deepen <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER _____					
2. Name of Operator Mack Energy Corporation					
3. Address of Operator P.O. Box 960, Artesia, NM 88211-0960					
4. Well Location Unit Letter <u>G</u> : <u>1650</u> Feet From The <u>North</u> Line and <u>2001</u> Feet From The <u>East</u> Line Section <u>10</u> Township <u>17S</u> Range <u>33E</u> NMPM <u>Lea</u> County					
10. Date Spudded 8/28/01	11. Date TD Reached 9/29/01	12. Date Compl. (Ready to Prod.) 11/07/01	13. Elevations (DF & RKB, RT, GR, etc.) 4176 RKB	14. Elev. Casinghead 4163	
15. Total Depth 11,882'	16. Plug Back TD 11,837'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools Yes	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 11,738-11,758' Sanmal Penn					20. Was Directional Survey Made Yes
21. Type Electric and Other Logs Run Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray					22. Was Well Cored No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48	464'	17 1/2	500 sx	None
8 5/8	32	4512'	11	1220 sx	None
5 1/2	17	11,882'	7 7/8	1950 sx	None

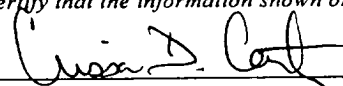
24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	11,676'	11,638'

26. Perforation record (interval, size, and number) 11,738-11,758', .41, 120	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED
	11,738-11,758'	1500 gals 12% NEFE acid
	11,738-11,758'	500 gals 10% HCL Acid
11,738-11,758'	N2/CO2 and 24,000# 20/40 Interprop	

28. PRODUCTION							
Date First Production 11/7/01		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Producing, Shut-in) Producing	
Date of Test 12/4/01	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 5	Gas - MCF 40	Water- Bbl. 0	Gas - Oil Ratio 8000
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 5	Gas - MCF 40	Water- Bbl. 0	Oil Gravity - API - (Corr.) 42	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						Test Witnessed By Robert C. Chase	
--	--	--	--	--	--	--------------------------------------	--

30. List Attachments Deviation Survey							
--	--	--	--	--	--	--	--

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief							
Signature 		Printed Name Crissa D. Carter		Title Production Analyst		Date 1/2/2002	

JC

KA

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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Sanmal Penn	11,738	11,758		San Andres	4522	
				Glorietta	5980	
				Tubb	7345	
				Abo	8110	
				Wolfcamp	9920	
				Cisco	11,590	

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II

P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-35675	Pool Code 54340	Pool Name Sanmal Penn
Property Code 28642	Property Name CHINOOK STATE	Well Number 1
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 4163'

Surface Location

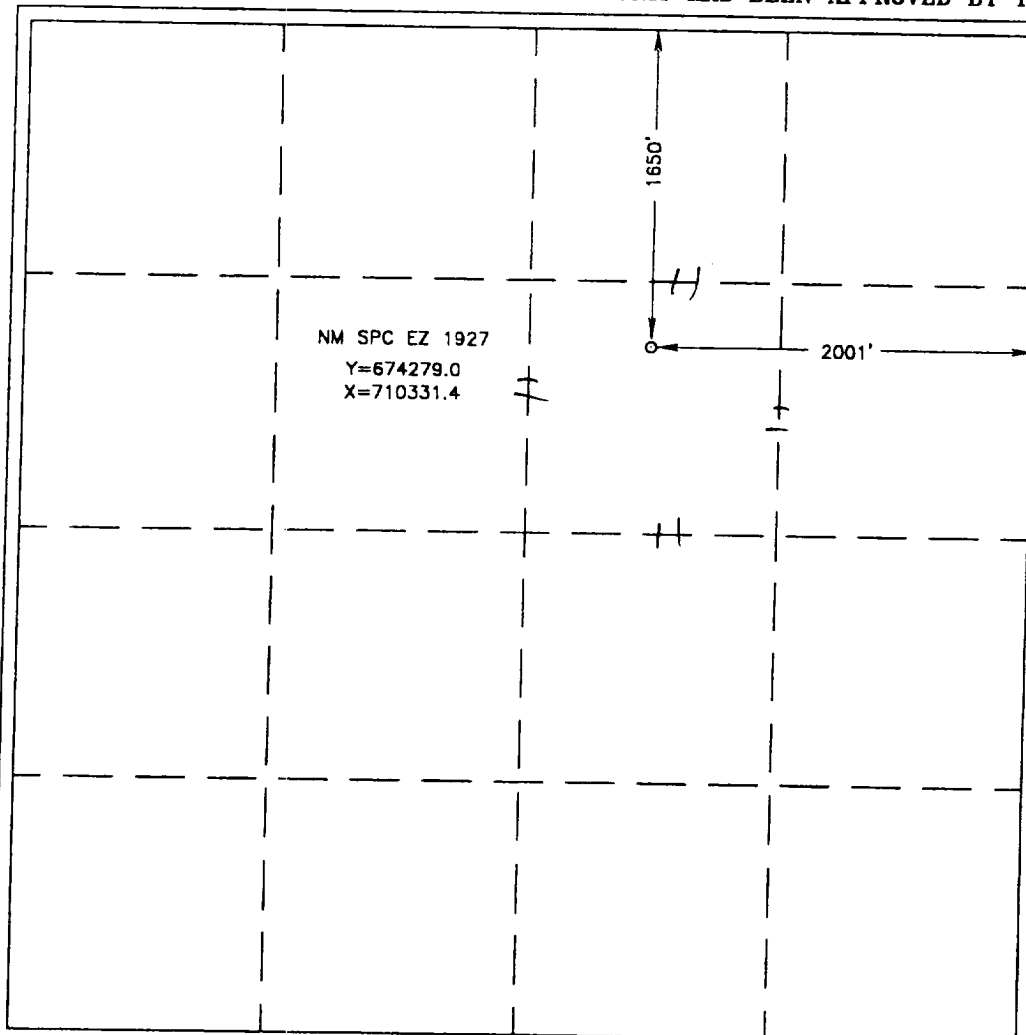
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	10	17-S	33-E		1650	NORTH	2001	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Crissa D. Carter
Signature

Crissa D. Carter
Printed Name

Production Analyst
Title

8/20/2001
Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

AUGUST 14, 2001

Date Surveyed **AUGUST 14, 2001** AWB

Signature *Ronald J. Edson*

Professional Surveyor

RONALD J. EDSON

8/14/01

01.11.0947

Certificate No. **RONALD J. EDSON 3239**

GARY EDSON 12641