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Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
L-322

JUL 10 1974

1a. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER **O.C.C. ARTESIA, OFFICE**

2. Name of Operator
Mark Production Company

3. Address of Operator
330 Citizens Bank Bldg., Tyler, Texas 75701

4. Location of Well
UNIT LETTER B LOCATED 660' FEET FROM THE North LINE AND 1980 FEET FROM
THE East LINE OF SEC. 33 TWP. 19S RGE. 25E NMPM

7. Unit Agreement Name
8. Farm or Lease Name
State "B" Com

9. Well No.
1

10. Field and Pool, or Wildcat
Undesignated - Wildcat

12. County
Eddy

15. Date Spudded 1-15-74 16. Date T.D. Reached 2-22-74 17. Date Compl. (Ready to Prod.) 5-23-74 18. Elevations (DF, RKB, RT, GR, etc.) 3472' GL 19. Elev. Casinghead --

20. Total Depth 9451' 21. Plug Back T.D. 9107' 22. If Multiple Compl., How Many -- 23. Intervals Drilled By Rotary Tools XX Cable Tools --

24. Producing Interval(s), of this completion - Top, Bottom, Name
8877' - 8885' - Atoka 25. Was Directional Survey Made Yes

26. Type Electric and Other Logs Run
GR Acoustic, Forxo, Guard, Neutron 27. Was Well Cored No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
12-3/4"	32#	292'	17-1/2"	300 sacks	None
8-5/8"	24#	1214'	11"	600 sacks	None
5-1/2"	17#	9451'	7-7/8"	500 sacks	None

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	8761'	8761'

31. Perforation Record (Interval, size and number)
8877' - 8885' (17) holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
8877 - 8885'	1500 gals MS acid 7-1/2%

33. PRODUCTION

Date First Production 5-17-74 Production Method (*Flowing, gas lift, pumping - Size and type pump*) Flowing Well Status (*Prod. or Shut-in*) Shut-in

Date of Test 5-23-74 Hours Tested 24 Choke Size 22/64" Prod'n. For Test Period Oil - Bbl. -0- Gas - MCF 3,686 Water - Bbl. -0- Gas - Oil Ratio ∞

Flow Tubing Press. 1005# Casing Pressure Pkr Calculated 24-Hour Rate Oil - Bbl. -0- Gas - MCF 3,686 Water - Bbl. -0- Oil Gravity - API (Corr.) ∞

34. Disposition of Gas (*Sold, used for fuel, vented, etc.*) Shut-in Test Witnessed By W. H. Cravey

35. List of Attachments
Acoustic Logs and Deviation Record

36. 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.

SIGNED Walter Thompson TITLE Assistant Secretary DATE 7-8-74

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	7795	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	8135	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	8530	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Morrow _____	8992	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. U. Miss. _____	9365	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____		T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____		T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____		T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____		Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____		T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____		T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____		T. Todilto _____	T. _____
T. Driskard _____	T. Delaware Sand _____		T. Entrada _____	T. _____
T. Bone Springs _____	T. Bone Springs _____		T. Wingate _____	T. _____
T. Abo _____	T. _____		T. Chinle _____	T. _____
T. Wolfcamp _____	T. _____		T. Permian _____	T. _____
T. Penn. _____	T. _____		T. Penn. "A" _____	T. _____
T. Cisco (Book E) _____	T. _____			

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
805	2265	1460	San Andres				
2265	2545	280	Glorieta				
2545	3590	1045	Blinebry				
3590	6170	2580	Bone Springs				
6170	7315	1145	Wolfcamp				
7315	7795	480	Cisco				
7795	8135	340	Strawn				
8135	8530	395	Atoka				
8530	8992	462	Morrow				
8992	9365	373	U. Miss				

MARK PRODUCTION COMPANY

330 CITIZENS BANK BUILDING
TYLER, TEXAS 75701
TELEPHONE (214) 592-3501

DRILL STEM TESTS
STATE "B" NO. 1
Section 33, T19S-R25E
Eddy County, New Mex.

- 2-10-74 DST #1 - 7669' - 7714' - gas to surface in 7 mins @ 75 MCF/D, stabilized at 30 MCF/D, recovered 6650' fluid - 500' free oil (40° API @ 60° F), 500' oil and gas-cut sulphur water - 5650' drilling water and sulphur water - 60" ISIP 3049# - IFP 2404# - FFP 3049# - 120" FSIP 3049# - 2.92 CF gas in sample chamber and 4000' cc slight oil and gas-cut sulphur water.
- 2-17-74 DST #2 - 8770-8907' - tool open 1 hour 10 mins - 10 min preflow - gas to surface in 3 mins - strong blow - increased to 4.25 MMCF/D at 150# on 1" choke - 60 min flow period
- | | | | | |
|-----|-------|-------|-----|--------|
| 15" | 1" | 260# | 7 | MMCF/D |
| 15" | 3/4" | 320# | 4.6 | MMCF/D |
| 15" | 1/2" | 780# | 5.4 | MMCF/D |
| 15" | 5/16" | 1244# | 2.8 | MMCF/D |
- Recovered 8900' GIDP - no fluid in sample chamber - 4000+ psi - rec. 2.4 CF gas - no fluid - IHP 4478# - 1-1/2 hrs ISIP 3812# - IFP 1277# - FFP 1644# - 2 hr FSIP 3762 # - FHP 4478#.

INCLINATION REPORT

OPERATOR MARK PRODUCTION COMPANY ADDRESS 204 Gihls Tower East, Midland, Texas-79701

LEASE State "B" WELL NO. 1 FIELD

LOCATION Sec. 33, T-19-S, R-25-E Eddy County, New Mexico

Depth	Angle (Inclination 'degrees)	Displacement	Displacement Accumulated
138	1/4	.61	.61
597	1/4	2.02	2.63
956	3/4	4.70	7.33
1214	3/4	3.38	10.71
1690	3/4	6.24	16.95
2140	1	7.88	24.83
2647	1	8.87	33.70
3141	3/4	6.47	40.17
3614	1	8.28	48.45
4220	1	10.61	59.06
4717	2	17.35	76.41
4914	2	6.88	83.29
5127	2	7.43	90.72
5600	2	16.51	107.23
6131	2	18.53	125.76
6635	1-1/2	13.20	138.96
7135	1-1/4	10.90	149.86
7734	1-1/4	13.06	162.92
8393	1-1/2	17.27	180.19
8907	1-1/2	13.47	193.66
9194	1-3/4	8.75	202.41
9451	1-3/4	7.84	210.25

RECEIVED

JUL 10 1974
O. C. C.
ARTESIA, OFFICE