

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTRECEIVED
OIL CONSERVATION DIVISIONP. O. BOX 2088
SANTA FE, NEW MEXICO 87501WELL COMPLETION OR RECOMPLETION REPORT AND LOG
ARTESIA, OFFICE

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DISTRIBUTION	
SANTA FE	✓
FILE	✓
U.S.G.S.	✓
LAND OFFICE	✓
OPERATOR	✓

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
L-6918	

1. TYPE OF WELL *B of m*OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

2. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

3. Name of Operator

MARNEL PIPE & SUPPLY CO. ✓

4. Address of Operator

BOX 1037 ARTESIA, NM 88210

5. Location of Well

UNIT LETTER N LOCATED 330' FEET FROM THE SOUTH LINE AND 2057' FEET FROMTHE WEST LINE OF SEC. 16 TWP. 18S RGE. 28E NMPM12. County
EDDY15. Date Spudded 12-29-81 16. Date T.D. Reached 6-7-82 17. Date Compl. (Ready to Prod.) 6-82 18. Elevations (DF, RKB, RT, GR, etc.) 3593.9' GL 19. Elev. Casinghead 3595'20. Total Depth 2470' DRILLER 21. Plug Back T.D. 2437' 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools Cable Tools 0-2470'

24. Producing Interval(s), of this completion - Top, Bottom, Name

2102'-2386' GL GRAYBURG

25. Was Directional Survey Made

NO

26. Type Electric and Other Logs Run

NO LOGS

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
10-3/4"	45#	438' GL	16"	400-SXS "C" CIRCULATED 50-SXS TO PIT
5 1/2"	9.5# 1/4	2457' GL	8"	500-SXS TOTAL CIRCULATED 54-SXS TO PIT (300-SXS LIT & 200-SXS "C" 1/4# FLOCELE)

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

30. Perforation Record (Interval, size and number)

27-HOLES TOTAL (0.41" DIA) ONE SHOT/FOOT

2102-04-08-10-73-76'

2206-16-18-31-34-36-47-57-85-86'

2317-18-35-36-37-47-49-65-78-79-86'

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2102-2257'	1000-GAL 15% NE ACID
2285-2386'	1000-GAL 15% NE ACID
2102-2386'	FRAC DOWN CSG @ 36-BPM 60,000
GAL GEL WATER & 65,000# SAND (USED BALLS)	

32. PRODUCTION

Date First Production 6-19-82		Production Method (Flowing, gas lift, pumping - Size and type pump) PUMPING WELL (1 1/2" x 10")				Well Status (Prod. or Shut-in) PRODUCING	
Date of Test 6-24-82	Hours Tested 24-HRS	Choke Size -	Prod'n. For Test Period →	Oil - Bbl. 38-BOPD	Gas - MCF TSTM	Water - Bbl. 0-BWPD	Gas-Oil Ratio -
Flow Tubing Press.	Casing Pressure -	Calculated 24-Hour Rate →	Oil - Bbl. 8	Gas - MCF TSTM	Water - Bbl. 0	Oil Gravity - API (Corr.) 34°	

33. Disposition of Gas (Sold, used for fuel, vented, etc.)

TSTM

Test Witnessed By

Martin Bert MUNCY

34. List of Attachments

HALLIBURTON LOG ON CMT 5 1/2" CSG

35. 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

Bob A. Henry

TITLE ACCOUNTANT

DATE 6-24-82

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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	T. Ojo Alamo	T. Penn. "B"
T. Salt 438'	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
D. Salt 440'	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers 1007'	T. Devonian	T. Menefee	T. Madison
T. Queen 1610'	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg 2076'	T. Montoya	T. Mancos	T. McCracken
T. San Andres 2389'	T. Simpson	T. Gallup	T. Ignacio Qtzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Granite	T. Todilto	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo	T. Bone Springs	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn.	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn. "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from 2102' to 2386'	No. 4, from to
No. 2, from to	No. 5, from to
No. 3, from to	No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 250-60' FRESH	to ABOUT 40-50 GAL/DAY	feet
No. 2, from 370-75 GYP	to ABOUT 105-20 GAL/DAY	feet
No. 3, from to		feet
No. 4, from to		feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	437	437	CALICHE-GYP-SAND				
438	440	2	SALT				
441	1007	566	GYP-LIME				
1008	1028	20	SAND				
1029	1609	580	LIME-SHALE				
1610	1630	20	RED SAND				
1631	2076	445	LIME-SHALE				
2077	2388	311	DOLOMITE WITH SANDS				
2389	2470	81	VERY WHITE-HARD LIME				

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P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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LAND OFFICE	
OPERATOR	☒

O. C. D.
ARTESIA, OFFICE

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No. L-6918	
6. Unit Agreement Name	
7. Form or Lease Name ELK	
8. Well No. 1	
10. Field and Pool, or Wildcat ARTESIA QN-GB-SA	
12. County EDDY	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO WIRE OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE APPLICATION FOR PERMIT TO WIRE (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☒	GAS WELL ☐	OTHER ☐
Name of Operator MARNEL PIPE & SUPPLY CO.		
Address of Operator BOX 1037 ARTESIA, NM 88210		
4. Location of Well UNIT LETTER N 330' FEET FROM THE SOUTH LINE AND 2057' FEET FROM THE WEST LINE, SECTION 16 TOWNSHIP 18S RANGE 28E NMPM.		

11. Elevation (Show whether DF, RT, GR, etc.)
3593.9' GL

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☒ Long String
OTHER PERF, FRAC & POTENTIAL WELL ☒

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

6-07-82.....DRILLER'S TD = 2470' GL

6-08-82.....RUN 2457' 5 1/2" CSG FROM GL(J-55, 8RD, LT&C). HALLIBURTON CEMENT WITH 500-SXS TOTAL CMT(300-SXS LITE & 200-SXS "C"/1/4" FLOCELE) INSERT FLOAT SET @ 2440' GL. CIRCULATED 54-SXS CMT TO THE PIT-HALLIBURTON LOG ATTACHED. PLUG DOWN 5:20PM-HELD 30-MIN-OK.

6-12-82.....PERFORATE GRAYBURG ZONE WITH ONE SHOT/FOOT(27-HOLES TOTAL) AS FOLLOWS:
2102'-2104'-2108'-2110'-2173'-2176'
2206'-2216'-2218'-2231'-2234'-2236'-2247'-2257'-2285'-2286'
2317'-2318'-2335'-2336'-2337'-2347'-2349'-2365'-2378'-2379'-2386'

6-14-82.....HALLIBURTON ACIDIZE PERFS IN TWO STAGES(2102'-2257' AND 2285'-2386') WITH 1000-GAL 15% NE ACID PER STAGE FOR A TOTAL OF 2000-GAL(USED BALLS).

6-15-82.....HALLIBURTON FRAC WELL DOWN CSG AT 36-BPM WITH 60,000 GAL GEL WATER & 65,000# SAND (USED BALLS). SHUT WELL IN FOR 24-HRS. 1500-BBLS LOAD TO RECOVER.

6-16-82 TO

6-19-82.....FLOW WELL BACK AND PUT ON PUMP TO RECOVER LOAD WATER FIRST OIL TO TANKS TODAY.

6-24-82.....POTENTIAL WELL @ 38-BOPD, 0-BWPD & TSTM GAS. WELL TURNED TO OIL AFTER 1/2 LOAD RECOVER TOTAL

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

SIGNED Beth A. Lermy

TITLE ACCOUNTANT

DATE 6-24-82

APPROVED BY W.A. Gressott

TITLE SUPERVISOR, DISTRICT II

DATE JUN 25 1982

CONDITIONS OF APPROVAL, IF ANY: