

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised March 25, 1999

WELL API NO.

30-025-28786

5. Indicate Type of Lease

STATE ☒FEE ☐

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. Type of Completion:

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

2. Name of Operator

ROCA Resource Company, Inc.

3. Address of Operator

P.O. Box 1981, Midland, Texas 79702

4. Well Location

Unit Letter B : 660 Feet From The North Line and 1980 Feet From The East LineSection 36 Township 18S Range 33E NMPM Lea County

10. Date Spudded

3-31-03

11. Date T.D. Reached

4-17-03

12. Date Compl. (Ready to Prod.)

4-29-03

13. Elevations (DF& RKB, RT, GR, etc.)

3841.3'/GR 3856.1'/KB

14. Elev. Casinghead

3839'

15. Total Depth

13,650'

16. Plug Back T.D.

13,218'

17. If Multiple Compl. How Many

Zones?

No

18. Intervals

Drilled By

Rotary Tools

Cable Tools

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

Morrow - 13,234' - 13,358'

20. Was Directional Survey Made

21. Type Electric and Other Logs Run

22. Was Well Cored

23. 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 & 54.5	308'	17 1/2"		
8 5/8"	24 & 32	3700'	11"		
5 1/2"	17 & 20	13,627'	7 7/8"		

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	13,146'	13,119'

26. Perforation record (interval, size, and number)

13,234' - 13,358' OA

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

28. PRODUCTION

Date First Production

4-26-03

Production Method (Flowing, gas lift, pumping - Size and type pump)

Flowing

Well Status (Producing or Shut-in)

Date of Test

5-13-03

Hours Tested

24

Choke Size

Prod'n For

Test Period

Oil - Bbl

9

Gas - MCF

220

Water - Bbl.

11

Gas - Oil Ratio

Hobbs

OCD 2444

Flow Tubing

Press.

300

Casing Pressure

Calculated 24-

Hour Rate

Oil - Bbl.

9

Gas - MCF

220

Water - Bbl.

11

Oil Gravity - API - (Corr.)

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

Test Witnessed By

Jerry Ricker

30. List Attachments

Detail - GR Arrowset Wireline

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature

Printed

Name Candy Copeland

Title Production Analyst

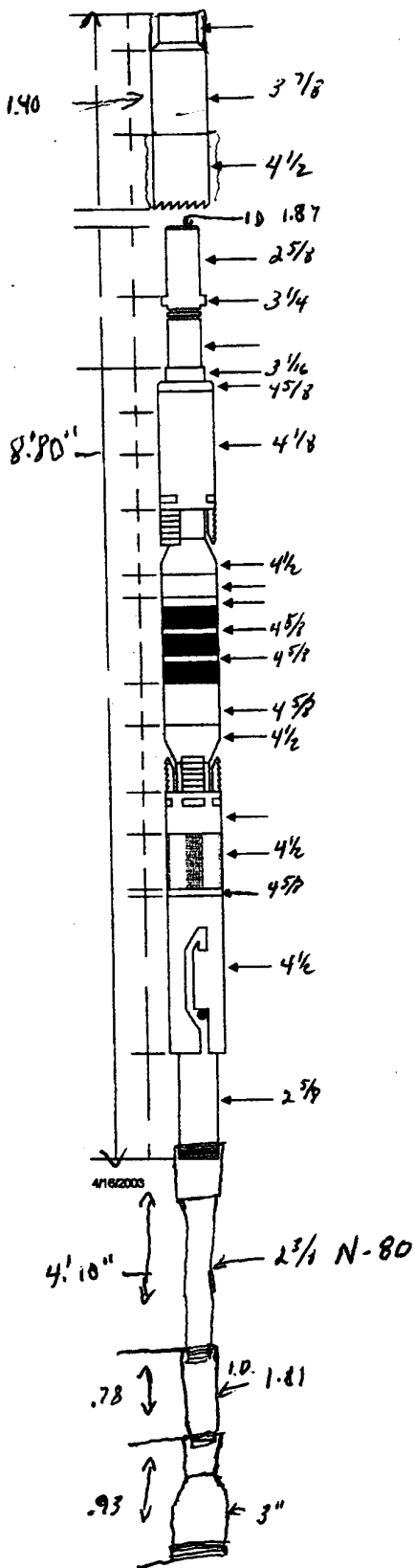
Date

Roca Resource Co

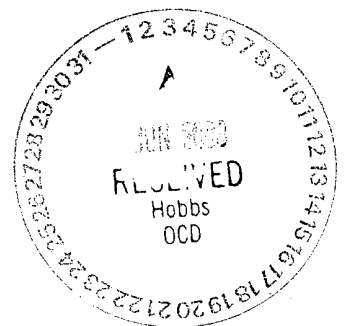
New Mexico 36 state #1

16 April 03

10K Arrowset Wireline



5:07 PM



Jarrel Services Inc.
P.O. Box 1230
Hobbs, New Mexico 88240

Tel: (505)393-1736 Fax: (505)393-1737

B.H.P. TEST REPORT

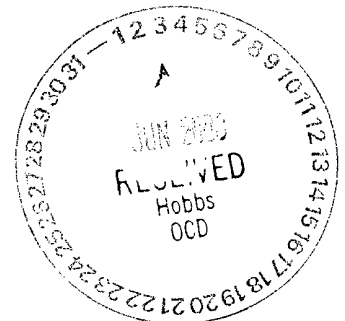
Company : Roca Resources

Test date	: 05/22/03	Packr set at	: 13119 13169
Lease	: NM 36 State Com #1	Perforations	: 13234 13358
Field	:	DW Tbg press	: 79
County	: Lea	Well status	: Flowing
State	: New Mexico	Instrument #	: 52313
Formation	:	Tested by	: Standefer
Total depth @	: 0	Gauge set at	: 13190
Tubing size	:	B.H. Temp. F	: 186

Test type:

Flowing Pressure Gradient	- Yes
Bottom Hole Pressure Build-up Test	- No
Bottom Hole Pressure Draw-Down Test	- No
Shut-in Pressure Gradient	- No

Data File : NM36.BHP



Flowing Pressure Gradient

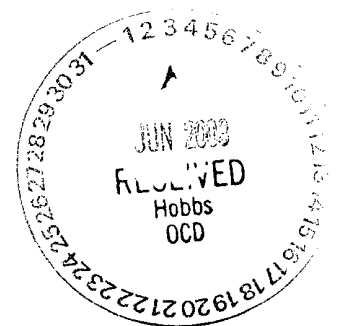
Company : Roca Resources

Test date : 05/22/03

Data File : NM36.BHP

Remarks:

Depth (feet)	Pressure (psig)	Delta Pressure (psig)	Pressure Gradient (psig/ft)
Surface	79.00		
2,000	110.00	31.00	0.0155
4,000	145.00	35.00	0.0175
6,000	263.00	118.00	0.0590
8,000	375.00	112.00	0.0560
10,000	490.00	115.00	0.0575
12,000	585.00	95.00	0.0475
13,000	645.00	60.00	0.0600
13,190	660.00	15.00	0.0789



Jarrel Services Inc.

Jarrel Services Inc.

Company : Roca Resources

Lease : NM 36 State Com #1

County : Lea

Well # :

Field :

State : New Mexico

Location :

Test date : 05/22/03

File - NM36

