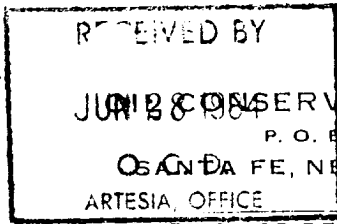


STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT



revised 10-1-78

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

1a. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name
C.P.U.
8. Farm or Lease Name
Cave Pool Unit
9. Well No.
65

2. Name of Operator
J.E.M. Resources Inc. ✓
3. Address of Operator
P.O. Box 2938 Ruidoso N.M.

10. Field and Pool, or Wildcat
Cave GB/SA

4. Location of Well
UNIT LETTER B LOCATED 330 FEET FROM THE North LINE AND 2310 FEET FROM THE East LINE OF SEC. 4 TWP. 17S RGE. 29E NMPM

12. County
Eddy

15. Date Spudded 5/8/84 16. Date T.D. Reached 5/18/84 17. Date Compl. (Ready to Prod.) 6/6/84 18. Elevations (DF, RKB, RT, GR, etc.) 3951 GR 19. Elev. Casinghead

20. Total Depth 3050 21. Plug Back T.D. 3035 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools Cable Tools All

24. Producing Interval(s), of this completion - Top, Bottom, Name 2616-2995 San Andres 25. Was Directional Survey Made NO

26. Type Electric and Other Logs Run CNL/FDC/GR, CBL/CCL 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
8 3/8	24	335	12 1/2	300 sxs	none
5 1/2	15.5#	3050	7 7/8	1000 sxs	none

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	3000	none

31. Perforation Record (Interval, size and number)
2616-2995 w/ 36 .42 cal shots
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL 2616-2995 AMOUNT AND KIND MATERIAL USED 2550 NEFE acid 130,000 gal gel wtr + 215,000# 20/40 sd

33. PRODUCTION
Date First Production 6/15/84 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping Well Status (Prod. or Shut-in) Prod.
Date of Test 6/23/84 Hours Tested 24 Choke Size 7/8" Prod'n. For Test Period 40 Oil - Bbl. 365 Gas - MCF 200 Water - Bbl. 910 Gas - Oil Ratio
Flow Tubing Press. Casing Pressure Calculated 24-Hour Rate Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Corr.)

34. Disposition of Gas (Sold, used for fuel, vented, etc.) sold Test Witnessed By Jay Royce

35. List of Attachments
Deviation Survey Logs

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

TITLE

Consulting Geologist

DATE

6/28/84

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 <u>330</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt <u>704</u>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>1680</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <u>2072</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>2414</u>	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 _____ to _____	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

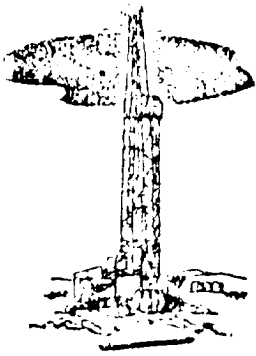
IMPORTANT WATER SANDS

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

No. 1, from _____ to _____	feet
No. 2, from _____ to _____	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	330	330	Caliche + red sands				
330	704	374	Salt				
704	1680	976	Anhydrite + Dolo				
1680	2072	392	Red snads + Anhy				
2072	2414	342	Dolo + Sands				
2414	3050	636	Dolo				



Telephone (505) 748-2205

L & M DRILLING, INC. — Oil Well Drilling Contractors

P. O. BOX 672 / ARTESIA, NEW MEXICO 88210

May 23, 1984

RECEIVED BY

JUL 02 1984

O. C. D.
ARTESIA, OFFICE

JEM Resources ✓
PO Box 2938
Ruidoso, NM 88345

Re: CPS #65
330' FNL & 2310' FEL
Sec. 4, T17S, R29E
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION
355'	1/4°
848'	1/2°
1379'	1/2°
1883'	3/4°
2504'	1°
2996'	1°
3050'	1°

Very truly yours,

B. N. Muncy Jr.
President

STATE OF NEW MEXICO
COUNTY OF EDDY

The foregoing was acknowledged before me this 23rd day of May, 1984.

