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SANTA FE, NEW MEXICO 87501
DEC 17 1984
WELL COMPLETION OR RECOMPLETION REPORT AND LOG
O.C.D.
ARTESIA, OFFICE

State N.M. Fee
5. State Oil & Gas Lease No.
E-4200

10. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		7. Unit Agreement Name	
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		8. Form or Lease Name Red Twelve State	
2. Name of Operator J.E.M. Resources Inc.		9. well No. 2	
3. Address of Operator P.O. Box 2938 Ruidoso, N.M. 88345		10. Field and Pool, or Wellcat Cave GB/SA	
4. Location of Well UNIT LETTER H LOCATED 1650 FEET FROM THE North LINE AND 990 FEET FROM East		11. County Eddy	
14. Date Spudded 8-26-84	15. Date T.D. Reached 9-3-84	17. Date Compl. (Ready to Prod.) 9-22-84	16. Elevations (DF, RXP, RT, GR, etc.) 3598 GR
19. Elev. Casingshead 5000	18. Total Depth 3565		
21. Plug Back T.D. 3545	22. If Multiple Compl., How Many	23. Intervals Drilled By All	24. Was Directional Survey Made NO
24. Producing Interval(s), of this completion - Top, Bottom, Name 3001 - 3351 San Andres			25. Type Electric and Other Logs Run CNL/FDC DLL
27. Was Well Cored NO			
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
8 5/8	24#	377	12 1/2
5 1/2	15.5#	3565	7 7/8
CEMENTING RECORD		AMOUNT PULLED	
250 SXS		none	
1000 SXS		none	
29. LINER RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT
2 5/8			
TUBING RECORD		PACKER SET	
3395		Free	
31. Perforation Record (Interval, size and number) 3001-3351 32 0.32 cal. shots			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
3001-3351		5000 gal 15% HCL	
		170,000 gal gel wtr.	
		303,500# 20/40 sd	
33. PRODUCTION			
Date First Production 10-18-84	Production Method (Flowing, gas lift, pumping - Size and type pump) Pump		Well Status (Prod. or Shut-in) Prod.
Date of Test 11-28-84	Hours Tested 24	Choke Size 7/8	Prod'n. For Test Period
Oil - Bbl. 45	Gas - MCF 230	Water - Bbl. 250	Gas - Oil Ratio 5:1
Flow Tubing Press.	Casing Pressure 15#	Calculated 24-Hour Rate	Oil Gravity - API (Corr.)
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold			Test Witnessed By Rex Glenn
35. List of Attachments Deveation survey			
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 Geologist		DATE 12-14-84	

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any well. In the case of a 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 triplicate 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 _____ 285	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt _____ 625	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 _____ 1690	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 2086	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 2422	T. Simpson _____	T. Gallup _____	T. Ignacio Qizte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinney _____	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 _____

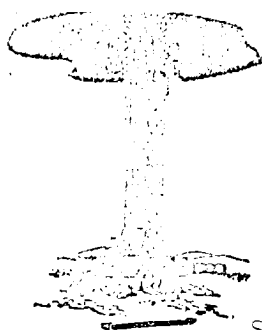
IMPORTANT WATER SANDS

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	285	285	Red clay + calechie				
285	1690	1405	AnHy + Dolomite				
1690	2086	396	Red sand + AnHY				
2086	2422	336	Dolomite+ sand				
2422	3565	1143	Dolomite				



LaRue Drilling Co., Inc. — Oil Well Drilling Contractors

P. O. BOX 302
470
ARTESIA, NEW MEXICO 8821

September 21, 1984

JEM Resources
PO Box 2938
Ruidoso, NM 88345

Re: Red Twelve State #2
1650' FNL & 990' FEL
Sec. 4, T17S, R29E
Eddy County, New Mexico

Gentlemen:

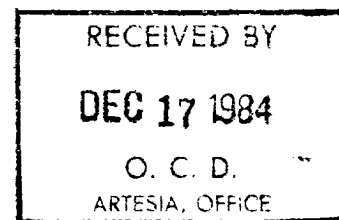
The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION
377'	1/4°
870'	1/4°
1369'	1/4°
1870'	1/4°
2368'	1/4°
2866'	1/4°
3364'	1/4°
3565'	1/2°

Very truly yours,

B. N. Muncy Jr.
Secretary

STATE OF NEW MEXICO
COUNTY OF EDDY



The foregoing was acknowledged before me this 21st day of September, 1984.

