

# OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO  
P. O. DRAWER DD - ARTESIA  
88210

LAND COMMISSIONER  
PHIL R. LUCERO



STATE GEOLOGIST  
EMERY C. ARNOLD

DIRECTOR  
JOE D. RAMEY

December 2, 1977

Mr. R.L. Stamets  
P.O. Box 2088  
Santa Fe, NM 87501

Re: JEM Resources, Inc.  
Cave Pool Unit Waterflood  
Cave Pool, Eddy County, NM  
Order R-2385

Dear Dick:

Only produced water has been injected into the subject project since April, 1976.

We have contacted the operator and he has no objection to the re-classification of this project to SWD.

They are currently using wells # 27-P-5-17-29 and # 36-B-8-17-29.

Please issue an order covering these wells.

Sincerely yours,

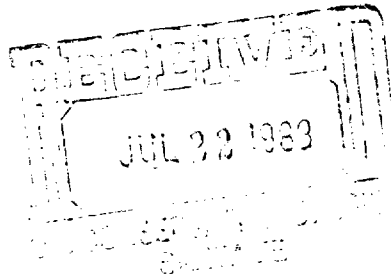
W.A. Gressett  
Supervisor, District II

WAG:sm

JEM Resources, Inc  
505 Marquette NW  
Albuquerque New Mexico 87102

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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TRANSPORTER	OIL
	NAT
OPERATOR	
PERMIT OFFICE	



OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-104  
Revised 10-01-78  
Format 08-01-83  
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JUL 15 '88

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

O. C. D.  
ARTESIA, OFFICE

I.

Operator	Arapaho Oil and Gas, Inc. ✓ <del>WIW</del> SWD	
Address	P.O. Box 682, Tatum, NM 88267	
Reason(s) for filing (Check proper box)	Change in Transporter of:	Other (Please explain)
<input type="checkbox"/> New Well	<input type="checkbox"/> Oil	Change of Operator
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Dry Gas	
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate	

If change of ownership give name and address of previous owner: Frostman Oil Corporation

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, including Formation	Kind of Lease	Lease No.
Cave Pool Unit	27	CAVE GRAYBURG SAN ANDRES	State, Federal or Fee State	E-10163
Location				
Unit Letter <u>P</u> : <u>990'</u> Feet From The <u>South</u> Line and <u>990'</u> Feet From The <u>East</u>				
Line of Section <u>5</u> Township <u>17S</u> Range <u>29E</u> , NMPM, <u>EDDY</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Injection Well	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When

If this production is commingled with that from any other lease or pool, give commingling order number: \_\_\_\_\_

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

Arapaho Oil and Gas, Inc.

*Rex Glenn*

Rex Glenn

(Signature)

President

(Title)

July 14, 1988

(Date)

OIL CONSERVATION DIVISION

JUL 18 1988

APPROVED \_\_\_\_\_, 19 \_\_\_\_\_

BY *Mike Williams*

OIL AND GAS INSPECTOR

TITLE \_\_\_\_\_

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiple completed wells.

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

SANTA FE, NEW MEXICO 87501

Form 0-103  
Revised 12-1-78

BY STATE RECEIVED	
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W. O. B.	
LAND OFFICE	
OPERATOR	

10. Indicate type of lease	
State <input checked="" type="checkbox"/> Lease <input type="checkbox"/>	
11. State Oil & Gas Lease No.	2 10163
12. Unit Agreement name	CAVE POOL UNIT
13. Address	Box 648 Artesia, N. Mex. 88008
14. Locality of well	CAVE-GRBG
15. County	EDDY

1. Well No.	2. Name of Operator	3. Address of Operator	4. Locality of well
5. Unit Letter	6. Unit No.	7. Unit No.	8. Unit No.
9. Unit No.	10. Unit No.	11. Unit No.	12. Unit No.
13. Unit No.	14. Unit No.	15. Unit No.	16. Unit No.

17. Describe proposed work	18. Describe proposed work	19. Describe proposed work	20. Describe proposed work
21. Describe proposed work	22. Describe proposed work	23. Describe proposed work	24. Describe proposed work
25. Describe proposed work	26. Describe proposed work	27. Describe proposed work	28. Describe proposed work

Well 23851, put on 23851, Ran in hole & Cleaned out to 23851. Well is completed open hole to 23851.

Ran 23851 Plastic Lined Pipe & set packer. Circulated Hole with 2% KOH mud & set packer at 23851. Pressured up on Casing to 600#, no leak off. Treated formation with surfactant & 15% acid.

But we leak on disposal & leak all the produced water with minimal pressures.

29. Date of completion	30. Date of completion	31. Date of completion	32. Date of completion
33. Date of completion	34. Date of completion	35. Date of completion	36. Date of completion
37. Date of completion	38. Date of completion	39. Date of completion	40. Date of completion

Oil Well Inspector

NOV 03 1980

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# NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-108  
(Rev. 3-55)

## MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company <b>Continental Oil Company</b>		Address <b>Box 460, Hobbs, N. M.</b>	
Lease <b>Cave Pool Unit</b>	Well No. <b>1</b>	Section <b>5</b>	Township <b>11N</b>
Date Work Performed <b>8-27-63</b>	Pool <b>Cave</b>	County <b>Eddy</b>	Range <b>29E</b>

THIS IS A REPORT OF: Check appropriate box:

☐ Beginning Drilling Operations ☐ Lining and Cement Job ☒ Other (Explain)  
☐ Plugging ☐ Remedy Work ☒ Convert to water injection

Detailed account of well date, nature and quantity of work done, results obtained:

This well was converted to a water injection well in conjunction with the Cave Pool Unit Waterflood. 8 1/2" casing is set at 261' and 5 1/2" casing is set at 2346'. The rods and tubing were pulled, and the well was cleaned out to TD. The well is now ready for injection.

Tested casing to 2,000# ISG for 30 minutes on 8-27-63. Tested O.K.

MAIN OFFICE OCC

RECEIVED  
OCT 18 1963  
N. O. C.  
ARTISTIA. OFFICE

Witnessed by <b>J. R. Cook</b>	Signature <b>John R. Cook</b>	Company <b>Continental Oil Company</b>
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### FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA	
D F Elev.	Producing Interval
Tubing Diameter	Completion Date
Tubing Depth	Oil String Depth
Perforated Interval	
Open Hole Interval	Producing Formation

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ARTISTIA. OFFICE


RESULTS OF WORKOVER			
Test	Date of Test	Oil Production BPD	Water Production BPD
Before Workover			
After Workover			

N. O. C.  
ARTISTIA. OFFICE  
GOR  
Cubic feet/Bbl  
Well Potential  
MCFPD

OIL CONSERVATION COMMISSION

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

Approved by <i>W. H. Bassett</i>	Signature <i>W. H. Bassett</i>
Title <b>OIL AND GAS INSPECTOR</b>	Position <b>Asst. Dist. Superintendent</b>
Date <b>OCT 27 1963</b>	Company <b>Continental Oil Company</b>

EDDY COUNTY	NEW MEXICO	CAVE FLD
Well: JOHN M. KELLY #3 Elk State "A"		Result: <u>OIL</u>
Loc'n: 5-178-29E; 990' FS&ELs of Sec.		
Spuds: 5-18-57; Comp: 6-15-57; Elev: 3624' DP; TD: 2391' Casing: 8 5/8" 262'/100 sz, 5 1/2" 2326'/200 sz Prod Zone: T/Pay 2365'; Prod from OH IPP: 65 BOPD, Grav 36 Comp Info: Frac w/13,000 gals Tops: Not Available		
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div>  <p>The American OIL REPORTS</p> </div> <div>           Date: 7-10-57         </div> <div>           Card No.: 5 NM p2         </div> </div>		

OIL CONSERVATION COMMISSION

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

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December 19, 1977

DEC 23 1977

O. C. C.  
ARTESIA, OFFICE

JEM Resources, Inc.  
505 Marquette, N. W.  
Albuquerque, New Mexico 87102

Re: Administrative Order SWD No. 198  
Cave Pool Unit Well No. 27  
Unit P, Section 5, Township 17 South,  
~~North~~, Range 29 East, NMPM,  
Eddy County, New Mexico

Gentlemen:

Reference is made to your application of December 3, 1977,  
for conversion of the captioned well from a waterflood project  
injection well to a salt water disposal well.

The subject well is hereby reclassified as a salt water  
disposal well and Commission Order No. R-2385 is hereby  
suspended; however, said well shall continue to be bound by any  
well construction, testing, and monitoring provisions of said order.

Very truly yours,

JOE D. RAMEY  
Secretary-Director

JDR/CU/og

cc: Oil Conservation Commission  
Drawer DD  
Artesia, New Mexico