

STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	2
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State ☒	Fee ☒
5. State Oil & Gas Lease No.	
1-5000	

6. TYPE OF WELL Bore

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

7. TYPE OF COMPLETION

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

8. Name of Operator

Mitchell Energy Corporation

9. Address of Operator

1000 Gibraltar Savings Center - Midland, Texas 79701

10. Location of Well

7. Unit Agreement Name
8. Farm or Lease Name
<u>Runyan 30 State COM</u>
9. Well No.
<u>1</u>
10. Field and Pool, or Wildcat
<u>Bunting Ranch-Morrow Gas</u>
12. County
<u>Eddy</u>

11. UNIT LETTER N LOCATED 1980 FEET FROM THE West LINE AND 990 FEET FROM

South LINE OF SEC. 30 TWP. 19-S RGE. 23-E NMPM

13. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
<u>2-25-81</u>	<u>6-30-81</u>	<u>9-19-81</u>	<u>4114 GR</u>	<u>4117</u>
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	24. Was Directional Survey Made
<u>8050'</u>	<u>7875'</u>	<u>N/A</u>	<u>Rotary Tools</u> <u>156'-8050'</u>	<u>No.</u>
24. Producing Interval(s), of this completion - Top, Bottom, Name				
<u>Top 7697' Bottom 7849' Morrow Sand</u>				

25. Type Electric and Other Logs Run

Compensated Neutron-Formation Density, Dual Laterlog Dipmeter-GR,

27. Was Well Cored

No.

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<u>13-3/8"</u>	<u>54.5#</u>	<u>317</u>	<u>17-1/2"</u>	<u>400 sx Class C & Top out w/ 8 yds Ready-mix.</u>	<u>None</u>
<u>8-5/8"</u>	<u>24#</u>	<u>1595</u>	<u>11"</u>	<u>1100 sx Lite & Class C</u>	<u>None</u>
<u>4-1/2"</u>	<u>11.6#</u>	<u>8025</u>	<u>7-7/8"</u>	<u>950 sx 50/50 Poz. CL "H"</u>	<u>None</u>

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					<u>2-3/8"</u>	<u>7669'</u>	<u>None</u>

28. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.						
<u>Perf 1-0.4" OD, SPF at 7697', 7699, 7701-11-12-31-33-35-65' - 7766', 7810'-11-45-47' - 7849'-7967' - 7967'-7967' and 7967'.</u>	<table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td><u>7697'-7967'</u></td> <td><u>8000 gal of 7 1/2% MS acid with 1000 SCF N₂/BBL</u></td> </tr> <tr> <td><u>7697'-7967' 7849'</u></td> <td><u>Frac with 29,000 gal CWA-3, 17,000 gal CO₂, & 90,000# SP.</u></td> </tr> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	<u>7697'-7967'</u>	<u>8000 gal of 7 1/2% MS acid with 1000 SCF N₂/BBL</u>	<u>7697'-7967' 7849'</u>	<u>Frac with 29,000 gal CWA-3, 17,000 gal CO₂, & 90,000# SP.</u>
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PRODUCTION							
29. Date First Production		30. Production Method (Flowing, gas lift, pumping - Size and type pump)				31. Well Status (Prod. or Shut-in)	
		<u>Flowing Gas</u>				<u>SI</u>	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
<u>9-19-81</u>	<u>4</u>	<u>1/8"</u>	<u>0</u>	<u>0</u>	<u>112.5</u>	<u>0</u>	<u>0</u>
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
<u>1617 PSI</u>	<u>1640 PSI</u>	<u>0</u>	<u>0</u>	<u>1,298 AOF</u>	<u>0</u>	<u>N/A</u>	

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

SI pending pipeline connections

Test Witnessed By

Don Bennett

34. List of Attachments

Form C-104, C-122, & Deviation Survey

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 RF Armstrong TITLE District Production Manager DATE 10/2/81

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 in 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 filled in quadruplicate 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	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Aloka	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	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Clorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. T.
T. Binebry	T. Gr. Wash	T. Morrison	T. T.
T. Tubb	T. Granite	T. Todillo	T. T.
T. Drinkard	T. Delaware Sand	T. Entrada	T. T.
T. Abo	T. Bone Springs	T. Wingate	T. T.
T. Wolfcamp	T. Abbo Shale 3398'	T. Chinle	T. T.
T. Penn.	T. Morrow Clastic 7696'	T. Permian	T. T.
T. Cisco (Bough C)	T. Chester Lime 8005'	T. Penn. "A"	T. T.

OIL OR GAS SANDS OR ZONES

No. 1, from	7696'	to	7982'	No. 4, from	to
No. 2, from		to		No. 3, 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	1449	1449	Limestone				
1449	1480	31	Sand				
1480	2767	1287	Lime				
2767	3398	631	Sand, Lime, & Dolomite				
3398	4604	1206	Shale, Lime, & Dolomite				
4604	6430	1826	Shale, Lime, & Sand				
6430	8008	1575	Sand, Shale, & Lime				
8008	8050	45	Limestone				

AFFIDAVIT

RECEIVED

STATE OF New Mexico

OCT - 7 1981

COUNTY OF Eddy

O. C. D.
ARTESIA, OFFICE

Mitchell Energy Corporation

Lease Name Runyan 30 State, Well # 1
COM

In Sec. 30 Twp. 19-5 Rge. 23-E

1980' FWL and 990' FSL

County of Eddy

State of New Mexico

R. F. Armstrong, of lawful age, being first duly sworn
deposes and says:

That he supervises development and operation of the captioned lease;
that he is duly qualified and authorized to make this affidavit; and, that
he is fully acquainted with all facts herein set out concerning Deviation
and Directional drilling.

<u>Degrees</u>	<u>Depth</u>	<u>Degrees</u>	<u>Depth</u>	<u>Degrees</u>	<u>Depth</u>
1-3/4	604	3/4	3878	3/4	8050
3/4	1142	1	4517		
1/2	1600	1	5049		
3/4	2510	3/4	5601		
3/4	3068	3/4	6126		
1	3591	1-1/4	6697		

Further affiant saith not.

R. F. Armstrong
R. F. Armstrong

SUBSCRIBED and SWORN TO before me this 5th day of October, 1981.

Neita G. Baccus
Notary Public in and for
Midland County, Texas

My Commission Expires: April 6, 1984

NEITA G. BACCUS — Notary Public
In and for Midland County, Texas