

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

WELL API NO.
30 025 31605
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. VB-0324

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____	7. Lease Name or Unit Agreement Name Cochise 2 State
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DEEP RESVR ☐ OTHER _____	
2. Name of Operator Mitchell Energy Corporation	8. Well No. 1
3. Address of Operator P.O. Box 4000 The Woodlands, TX 77387-4000	9. Pool name or Wildcat Buffalo (Yates)

4. Well Location Unit Letter <u>H</u> : <u>330</u> Feet From The <u>East</u> Line and <u>1650</u> Feet From The <u>North</u> Line Section <u>2</u> Township <u>19S</u> Range <u>32E</u> NMPM Lea County

10. Date Spudded 7-22-92	11. Date T.D. Reached 7-28-92	12. Date Compl. (Ready to Prod.) 8-9-92	13. Elevations (DF & RKB, RT, GR, etc.) 3700' GR	14. Elev. Casinghead 3700'
15. Total Depth 3700'	16. Plug Back T.D. 3620'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools ☒ Cable Tools	

19. Producing Interval(s), of this completion - Top, Bottom, Name 3440-62' Yates	20. Was Directional Survey Made Yes
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21. Type Electric and Other Logs Run GR/DLL/MSFL, GR/CNL/LDT, GR/CBL/CCL	22. Was Well Cored Yes - Sidewall
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23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24	597'	12 1/4"	320 sx C1C to surf	
4 1/2"	10.5	3699'	7 7/8"	1325 sx C1C to surf	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	3359'	3359'

26. Perforation record (interval, size, and number) 3440-3462' (18 holes) (.4" dia)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	3440-62'	1500 gal 15% NEFF 13,000 # 16/30 w/13,000 gal Gel

28. PRODUCTION							
Date First Production 8-9-92		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Prod.	
Date of Test 8-11-92	Hours Tested 21	Choke Size 1/2"	Prod'n For Test Period	Oil - Bbl. 85	Gas - MCF 209	Water - Bbl. 8	Gas - Oil Ratio 2460
Flow Tubing Press. 280	Casing Pressure 0	Calculated 24-Hour Rate	Oil - Bbl. 97	Gas - MCF 239	Water - Bbl. 9	Oil Gravity - API - (Corr.) 38	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented	Test Witnessed By Gary Butler
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30. List Attachments

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

Signature James Blount Printed Name James Blount Title Engineer Date 8-11-92

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 25 through 29 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 _____ 1390	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ 2880	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 3171	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3595	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 Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	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. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, 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

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
1390	2880	1490	Salt				
2880	3171	291	Anhy				
3171	3382	211	Anhy, Siltstone				
3382	3595	213	Sand, Dolo				
3595	TD	105	Dolo				

RECEIVED

AUG 17 1992

OCD MORGAN OFFICE

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator Mitchell Energy Corporation	Well API No. 30.025 31605
Address P.O. Box 4000 The Woodlands, TX 77387-4000	
Reason(s) for Filing (Check proper box) New Well ☒ Change in Transporter of: Recompletion ☐ Oil ☐ Dry Gas ☐ Change in Operator ☐ Casinghead Gas ☐ Condensate ☐	
If change of operator give name and address of previous operator	

CASINGHEAD GAS MUST NOT BE
FLARED AFTER 10-9-92
UNLESS AN EXCEPTION TO R-4070
IS OBTAINED.

THIS WELL HAS BEEN PLACED IN THE POOL
DESIGNATED BELOW. IF YOU DO NOT CONCUR
PLEASE ADVISE THIS OFFICE.

Lease Name Cochise 2 State	Well No. 1	Pool Name, including Formation Buffalo (Yates)	R-9723 10/1/92	Kind of Lease State, Federal or Fee	Lease No. VB-0324
Location Unit Letter <u>H</u> : <u>330</u> Feet From The <u>East</u> Line and <u>1650</u> Feet From The <u>North</u> Line Section <u>2</u> Township <u>19S</u> Range <u>32E</u> , NMPM, Lea County					

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil Pride Pipeline Co.	☒ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent) P.O. Box 2436 Abilene, TX 79604				
Name of Authorized Transporter of Casinghead Gas Conoco Inc.	☒ or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent) 10 Desta Dr. Suite 627 Midland, TX 79705				
If well produces oil or liquids, give location of tanks.	Unit H	Sec. 2	Twp. 19S	Rge. 32E	Is gas actually connected? No	When? 8-13-92

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well X	Gas Well	New Well X	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded 7-22-92	Date Compl. Ready to Prod. 8-9-92		Total Depth 3700'		P.B.T.D. 3620'			
Elevations (DF, RKB, RT, GR, etc.) 3700' GR	Name of Producing Formation Yates		Top Oil/Gas Pay 3440'		Tubing Depth 3359'			
Perforations 3440-62'					Depth Casing Shoe 3699'			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
12 1/2"	8 5/8" 24#		597'		320			
7 7/8"	4 1/2" 10.5#		3699'		1325			
	2 3/8" 4.7#		3359'					

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank 8-9-92	Date of Test 8-11-92	Producing Method (Flow, pump, gas lift, etc.) Flow	
Length of Test 21 hrs. / 24	Tubing Pressure 280	Casing Pressure 0	Choke Size 1/4"
Actual Prod. During Test	Oil - Bbls. 85 / 97	Water - Bbls. 8	Gas - MCF 209

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR 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 above is true and complete to the best of my knowledge and belief.

Signature James Blount
Printed Name James Blount Engineer
Date 8-11-92 Telephone No. 915-682-5396

OIL CONSERVATION DIVISION

AUG 17 '92

Date Approved _____

By ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

Title _____

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

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