

Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French Dr., Hobbs, NM 88240
New Mexico
Oil and Gas Conservation Division
Santa Fe, NM 87505
State of New Mexico
Energy, Minerals and Natural Resources

State of New Mexico
Energy, Minerals and Natural Resources

Form C-105
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO.
30 - 025 - 36220
5. Indicate Type of Lease
STATE ☒ FEE ☐
State Oil & Gas Lease No.
V- 05343

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____
b. Type of Completion:
NEW ☒ WORK ☐ PLUG ☐ DIFF. ☐
WELL OVER ☐ DEEPEN ☐ BACK ☐ RESVR. ☐ OTHER _____

7. Lease Name or Unit Agreement Name

State Com 9

2. Name of Operator
H.L. Brown Operating L.L.C. OGRID #213179

8. Well No.

1

3. Address of Operator
300 W. Louisiana, Midland, Texas 79702

9. Pool name or Wildcat
Anderson Ranch Wolfcamp, N

4. Well Location
Unit Letter **H** : **1650'** Feet From The **North** Line and **990'** Feet From The **East** Line

Section **9** Township **15 S** Range **32 E** NMPM **Lea** County

10. Date Spudded **4-16-03** 10. Date T.D. Reached **5-27-03** 11. Date Compl. (Ready to Prod.) **7-03-03** 12. Elevations (DF& RKB, RT, GR, etc.) **4303' GL, 4320' KB** 13. Elev. Casinghead **4320'**

14. Total Depth **12,590'** 15. Plug Back T.D. **12,260'** 16. If Multiple Compl. How Many Zones? _____ 18. Intervals Drilled By _____ Rotary Tools **100%** Cable Tools **000 sq00H**

19. Producing Interval(s), of this completion - Top, Bottom, Name **9,746' - 9,804', Wolfcamp** 20. Was Directional Survey Made **no**

21. Type Electric and Other Logs Run **GR/ DSN/ ZDL, HDIL/MLL, LSS, RFT** 21. Was Well Cored **no**

23. CASING RECORD (Report all strings set in well)						AMOUNT PULLED
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD		
13-3/8"	48# / 54.5#, H-40	569'	17 1/2"	550 sx, circulated 168 sx		
8-5/8"	32#, J-55	4106'	11 "	1750 sx, circulated 303 sx		
5-1/2"	DV Tool	9138'	7-7/8"	1300 sx, circulated 35 sx		
5-1/2"	DV Tool/ ECP	10,007'	7-7/8"	300 sx, circulated 50 sx		
5-1/2"	17#, N-80/ SP-110	11,128'	7-7/8"	799 sx, circulated 115 sx		

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8", N-80	10,004'	

26. Perforation record (interval, size, and number)				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9,746' - 9,804' @ 3 SPF, 27'-81 x 0.45" holes w/ casing gun				9746' - 9804'	2500 gals 15% NEFE w/ 125 B.S.
12,344' - 12,364' @ 4 SPF, 20'-80 x 0.38" holes w/ casing gun				CIBP @ 12,295'	35' cement by bailer
				12,344' - 12,364'	1000 gals 7.5% MSR w/ N2

28. PRODUCTION							
Date First Production 7-03-03		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 2 1/2" x 1 1/2" x 24' pump			Well Status (Prod. or Shut-in) Producing		
Date of Test 7-27-03	Hours Tested 24	Choke Size	Production For Test Period	Oil - Bbl 35	Gas - MCF 75	Water - Bbl. 50	Gas - Oil Ratio 2143
Flow Tubing Press.	Casing Pressure	Calc. 24-Hour Rate	Oil - Bbl. 35	Gas - MCF 75	Water - Bbl. 50	Oil Gravity - API - (Corr.) 42.0	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
sold Test Witnessed By
Lonnie Reddell

30. List Attachments
C-102, deviation survey, WBS

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature  Printed Name **Robert McNaughton** Title **Petroleum Engineer** Date **7-31-03**

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	1495'	T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt	1564	T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates	2501'	T. Morrow Sand	12,336'	T. Cliff House		T. Leadville	
T. 7 Rivers		T. Devonian		T. Menefee		T. Madison	
T. Queen		T. Miss	12,482'	T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres	4024'	T. Simpson		T. Gallup		T. Ignacio Otzte	
T. Glorieta	5510'	T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinberry		T. Gr. Wash		T. Morrison		T.	
T. Tubb	6910'	T. Delaware Sand		T. Todilto		T.	
T. Drinkard		T. Bone Springs		T. Entrada		T.	
T. Abo	7588'	T. 1 st Bone Springs SS		T. Wingate		T.	
T. Wolfcamp	8980'	T. 2 nd Bone Springs SS		T. Chinle		T.	
T. Wolfcamp XX	9148'	T. 3 rd Bone Springs SS		T. Permian		T.	
T. Penn	9563'	T. Strawn Lime		T. Penn "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from.....9,750'..... to.....9,900'..... No. 3, from.....to.....
 No. 2, from.....12,310'..... to.....12,405'..... No. 4, from.....to.....

IMPORTANT WATER SAND

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

No. 1, from.....NONE.....to.....feet.....
 No. 2, from.....to.....feet.....

LITHOLOGY RECORD

From	To	Thickness In Feet	Lithology
0	1495'		sand, shale
1495'	1564'		anhydrite
1564'	2501'		salt, anhydrite
2501'	5510'		dolomite, SS
5510'	7588'		shale, dolomite, SS
7588'	8980'		shale, SS, lime
8980'	12,336'		lime & shale w/ SS lenses
12,336	12,482'		layered lime, SS, shale
12,482'	TD		lime & chert

DRILL STEM TESTS

DST	From:	To:	Results
#1	9,750'	9,814'	Wolfcamp IHP = 4525# 15 min flow = 730-545# 30 min SI = 2491# 53 min flow = 476-710# 181 min SI = 2557# FHP = 4504# Rec: 4.5 Bbls 42° oil 11.5 Bbls heavy gas & oil foam GTS in 5 minutes

16		J-T Elev 4314'	1650'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief <i>[Signature]</i> Signature Robert McNaughton Printed Name Petroleum Engineer Title 7-31-03 Date
	H. L. Brown Operating, L.L.C. State Com "9" Lease		990' #1 Gr Elev 4303'	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. February 24, 2003 Date of Survey Signature and Seal of Professional Surveyor: <i>Max A. Schumann, Jr.</i> Max A. Schumann, Jr. Certificate 1510 Certificate Number Job No. 67,896
			2 Elev 4301'	

H.L. Brown Operating, L.L.C.

State Com 9 #1	
1650' FNL & 990' FEL, Unit H, Sec 9, T-15-S, R-32-E, Lea County, New Mexico	
Field: Anderson Ranch Wolfcamp, North	API # 30 - 025 - 36220

Elev: 4303', KB = 4320'

Status: Pumping Oil

Spud: 04/16/2003
Completed: 07/03/2003

13-3/8", 48/54.5#, H-40 @ 528'
550 sx, circulated 168 sx
17-1/2" hole

8-5/8", 32#, J-55 @ 4106'
1750 sx, circulated 303 sx
11" hole

DV Tool @ 9138'
1300 sx, circulated 35 sx to the surface

DV Tool @ 10,007'
External casing packer @ 10,016'
300 sx, circ. 50 sx cement off stage tool

5-1/2", 17#, N80/SP110 @ 12,590'
799 sx, circ. 115 sx cmt off DV tool
7-7/8" hole

FC @ 12,495'
SP-110 marker joints at 12,282', 9500'
SP-110 casing: surface to 1577'
SP-110 casing: TD to 10,604'

PBTD @ 12,260'

TD @ 12,590'

2-7/8", 6.4#, L-80, EUE YB tubing
TAC @ 9648', SN @ 9967'

Wolfcamp Perfs: 9746' - 9804'
@ 3 SPF, 27' - 81 holes, 2500 gals 15% NEFE

CIBP @ 12,295' w/ 35' cement

Morrow Perfs: 12,344' - 12,364'
@ 4 SPF, 80 holes, 1000 gals 7.5% MSR w/ N₂