

State of New Mexico
Energy, Minerals and Natural ResourcesOil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505Form C-105
Revised March 25, 1999

WELL API NO.

30-025-35891

5. Indicate Type of Lease

STATE ☐ FEE ☒

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____

b. Type of Completion:

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

2. Name of Operator

Matador Operating Company

3. Address of Operator

310 W. Wall, Suite 906 Midland, TX 79701

7. Lease Name or Unit Agreement Name

Laughlin

8. Well No.

7

9. Pool name or Wildcat

Monument; Tubb

4. Well Location

Unit Letter K : 1650 Feet From The South Line and 1875 Feet From The West LineSection 4 Township 20S Range 37E NMPM Lea County

10. Date Spudded

5/4/02

11. Date T.D. Reached

5/15/02

12. Date Compl. (Ready to Prod.)

6/04/02

13. Elevations (DF& RKB, RT, GR, etc.)

3573 KB

14. Elev. Casinghead

3556

15. Total Depth

6800

16. Plug Back T.D.

6750

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

X

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

6492-6580 Monument; Tubb

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

DLL, Density/Neutron, CCL

22. Was Well Cored

No

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	1315	12 1/4	620 sx Prem Plus	Circ 143 sx to pit
4 1/2	11.6	6800	7 7/8	600 sx Super H,	Circ 43 sx to pit
				450 sx Interfill C &	
				100 sx Class C	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD	SIZE	DEPTH SET	PACKER SET
						2 3/8	6453	None

26. Perforation record (interval, size, and number)

6492-98, 6574-80 -- 4 SPF, .34 entry

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

6492-6580

Frac: 165446 lbs 20/40 sand & 87106 gals

30 lb Borate

28

PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
6/04/02		Pumping - 2" x 1-1/2" x 16' RHBC 2 stage				Producing	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
6/24/02	24	NA		72	144	46	2000
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
NA	NA					37.9	

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

Sold

Test Witnessed By

Perry Wilbanks

30. List Attachments

Logs, C103, C102, Deviation Report, C104

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 Russ Mathis Printed Name Russ Mathis Title Production Manager Date 10/07/02

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. Salt	1226	T. Strawn	T. Canyon	T. Ojo Alamo
T. Salt	B. Salt		T. Atoka	T. Miss	T. Pictured Cliffs
T. Yates	T. Yates	2568	T. Devonian	T. Menefee	T. Cliff House
T. 7 Rivers	T. Queen	3425	T. Silurian	T. Point Lookout	T. Mancos
T. Grayburg	T. San Andres	3620	T. Montoya	T. Gallup	T. Mancos
T. Glorieta	T. Paddock	5238	T. McKee	T. Greenhorn	T. Dakota
T. Blinberry	T. Tubb	6380	T. Delaware Sand	T. Todillo	T. Morrison
T. Drinkard	T. Abo	6688	T. Bone Springs	T. Entrada	T. Wingate
T. Wolfcamp	T. Penn		T. Permian	T. Permian	T. Penn "A"
T. Cisco (Bough C)					

OIL OR GAS SANDS OR ZONES

No. 1, from.....6491	to.....6510	No. 3, from.....	to.....
No. 2, from.....6572	to.....6616	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
0	1226		Red Beds
1226	1342		Salt, Anhydrite
1226	1342		Salt, Anhydrite
2568	3425		Anhydrite, Dolomite
3425	3620		Dolomite, Sandstone, Shale
3620	5238		Dolomite, Limestone
5238	5329		Dolomite, Sandstone, Shale
5329	5710		Dolomite
5710	5776		Dolomite, Shale
5776	6380		Dolomite
6380	6800		Dolomite, Sandstone, Shale, Limestone

OPERATOR: MATADOR PETROLEUM
WELL/LEASE: LAUGHLIN #7
COUNTY: LEA

076-0019

RECEIVED

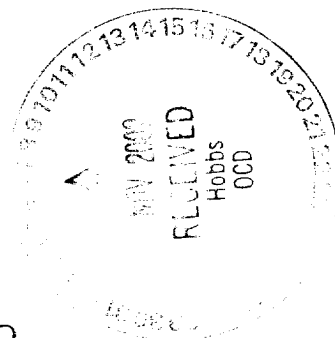
NOV 06 2002

K-4-20g-37e
1650/5 + 1875W

STATE OF NEW MEXICO
DEVIATION REPORT

30-025-35891

351	1/2
800	1
1,107	3/4
1,300	1/2
1,820	1 1/2
2,100	2
2,221	2 3/4
2,347	2 1/2
2,472	2
2,591	2
2,776	1 1/4
2,963	1 1/2
3,333	2 1/4
3,522	2 1/2
3,773	2
4,115	2 1/2
4,427	3 1/2
4,523	4
4,582	4
4,645	5
4,705	6
5,354	1 1/2
5,416	3/4
5,727	1
6,471	3/4
6,795	1



By: Steve Moore

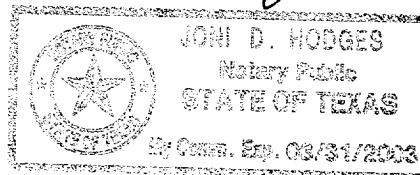
STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 21st day of May, 2002, by Steve Moore on behalf of Patterson-UTi Drilling Company LP, LLLP.

Joni D. Hodges
Notary Public for Midland County, Texas

My Commission Expires: 3/31/2003



WELL Laughlin #7
 FIELD Eumont
 CO. Lea
 STATE: New Mexico

DATE:
 CO-MAN:
 PRO. VS: 180
 MWD SPACING

Day No.	DEPTH	INC.	AZM	C.L.	T.V.D.	V.S.	N/S	E/W	DLS	BRN	B/D.
			180.0								
	390	0.50	180.0	390	390.00	1.70	-1.70	0.00	0.13	0.13	0.13
	800	1.00	180.0	410	799.96	7.07	-7.07	0.00	0.12	0.13	0.12
	1107	0.75	180.0	307	1106.92	11.76	-11.76	0.00	0.08	0.07	-0.08
	1300	0.50	180.0	193	1299.91	13.86	-13.86	0.00	0.13	0.04	-0.13
	1820	1.25	180.0	520	1819.85	21.80	-21.80	0.00	0.14	0.07	0.14
	2100	2.00	180.0	280	2099.73	29.74	-29.74	0.00	0.27	0.10	0.27
	2221	2.75	180.0	121	2220.63	34.76	-34.76	0.00	0.62	0.12	0.62
	2340	2.00	180.0	119	2339.52	39.69	-39.69	0.00	0.63	0.09	-0.63
	2472	2.00	180.0	132	2471.44	44.30	-44.30	0.00		0.08	
	2591	2.00	180.0	119	2590.37	48.45	-48.45	0.00		0.08	
	2776	1.25	180.0	185	2775.30	53.69	-53.69	0.00	0.41	0.05	-0.41
	2963	1.50	180.0	187	2962.24	58.18	-58.18	0.00	0.13	0.05	0.13
	3333	2.25	180.0	370	3332.04	70.29	-70.29	0.00	0.20	0.07	0.20
	3522	2.50	180.0	189	3520.88	78.12	-78.12	0.00	0.13	0.07	0.13
	3773	2.00	180.0	251	3771.68	87.97	-87.97	0.00	0.20	0.05	-0.20
	4115	2.25	180.0	342	4113.45	100.66	-100.66	0.00	0.07	0.05	0.07
	4427	3.50	180.0	312	4425.05	116.30	-116.30	0.00	0.40	0.08	0.40
	4523	4.00	180.0	96	4520.84	122.58	-122.58	0.00	0.52	0.09	0.52
	4582	4.00	180.0	59	4579.70	126.70	-126.70	0.00		0.09	
	4645	5.00	180.0	63	4642.51	131.64	-131.64	0.00	1.59	0.11	1.59
	4706	6.00	180.0	61	4703.22	137.49	-137.49	0.00	1.64	0.13	1.64
mtr in	4751	4.50	180.0	45	4748.03	141.60	-141.60	0.00	3.33	0.09	-3.33
	4813	3.70	180.0	62	4809.87	146.04	-146.04	0.00	1.29	0.08	-1.29
	4906	3.00	180.0	93	4902.71	151.47	-151.47	0.00	0.75	0.06	-0.75
	5093	2.20	180.0	187	5089.52	159.95	-159.95	0.00	0.43	0.04	-0.43
	5154	1.70	180.0	61	5150.49	162.03	-162.03	0.00	0.82	0.03	-0.82
mtr out	5215	0.90	180.0	61	5211.47	163.41	-163.41	0.00	1.31	0.02	-1.31
	5246	0.70	180.0	31	5242.47	163.85	-163.85	0.00	0.65	0.01	-0.65
	5416	0.75	180.0	170	5412.45	166.00	-166.00	0.00	0.03	0.01	0.03
	5716	1.00	180.0	300	5712.42	170.58	-170.58	0.00	0.08	0.02	0.08
	6471	0.75	180.0	755	6467.33	182.11	-182.11	0.00	0.03	0.01	-0.03
	6795	1.00	180.0	324	6791.29	187.06	-187.06	0.00	0.08	0.01	0.08

CORRECTION RUN TO BRING WELL
 BACK TO VERTICAL.

MAXIMUM Displacement

↑
 ASSUME 180°
 AZIMUTH TO
 CHECK MAX Displacement
 TO CLOSEST PROPORTION
 UNIT BOUNDARY