

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. 3-015-33059

5. Indicate Type of Lease
STATE ☒ FEE ☐

State Oil & Gas Lease No. V-5654

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER ☒7. Lease Name or Unit Agreement Name
TDC Cowtown Stateb. Type of Completion:
NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. ☐
WELL OVER BACK RESVR. ☐ OTHER ☐2. Name of Operator
Threshold Development Company

8. Well No. 1

3. Address of Operator
777 Taylor St. - Penthouse II - Fort Worth, TX 761029. Pool name or Wildcat
Undesignated Abo4. Well Location
Unit Letter P 660 Feet From The South 660 Feet From The East Line

Section 6 Township 19S Range 23E NMPM Eddy County

10. Date Spudded 2-26-2004 11. Date T.D. Reached 3-22-2004 12. Date Compl. (Ready to Prod.) 6-2-2004 13. Elevations (DF& RKB, RT, GR, etc.) 4056' GR 14. Elev. Casinghead

15. Total Depth 7894' 16. Plug Back T.D. 5980' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By 0-7984' 19. Producing Interval(s), of this completion - Top, Bottom, Name 4411-4524' Abo 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run
Dual Spaced Neutron & DLL 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
20"		40'	26"	Cmt to surface	
13-3/8"	48#	275'	17-1/2"	492 sx + RM -	Circulate
8-5/8"	32# & 24#	1723'	12-1/4"	1535 sx - circ	
5-1/2"	15.5#	7885'	7-7/8"	1000 sx	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
2-7/8"					2-7/8"	4388'
						4380'

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

SEE ATTACHED SHEET

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

SEE ATTACHED SHEET

28. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Prod. or Shut-in)		
6-2-2004		Flowing			Producing		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
6-4-2004	24	9/64"			130		
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
300#	Packer			130			

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
SoldTest Witnessed By
Ray Selby30. List Attachments
Deviation Survey and Logs

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 Rusty Klein

Title Agent

Date 6-30-04

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

T. Anhy			T. Canyon	Lime	6545'
T. Salt			T. Strawn		
B. Salt			T. Atoka	Sand	7142'
T. Yates			T. Miss	Lime	7626'
T. 7 Rivers			T. Devonian		
T. Queen			T. Silurian		
T. Grayburg			T. Montoya		
T. San Andres			T. Simpson		
T. Glorieta			T. McKee		
T. Paddock			T. Ellenburger		
T. Blinebry			T. Gr. Wash		
T. Tubb		2774'	T. Delaware Sand		
T. Drinkard			T. Bone Springs		
T. Abo	Shale	3392'	T. Abo Dolomite		3528'
T. Wolfcamp	Shale	4551'	T. Morrow Shale		7507'
T. Penn			T.		
T. Cisco (Bough C)	Lime	6042'	T.		

Northwestern New Mexico

T. Ojo Alamo_____	T. Penn. "B"_____
T. Kirtland-Fruitland_____	T. Penn. "C"_____
T. Pictured Cliffs_____	T. Penn. "D"_____
T. Cliff House_____	T. Leadville_____
T. Menefee_____	T. Madison_____
T. Point Lookout_____	T. Elbert_____
T. Mancos_____	T. McCracken_____
T. Gallup_____	T. Ignacio Otzite_____
Base Greenhorn_____	T. Granite_____
T. Dakota_____	T. _____
T. Morrison_____	T. _____
T. Todilto_____	T. _____
T. Entrada_____	T. _____
T. Wingate_____	T. _____
T. Chinle_____	T. _____
T. Permian_____	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

Clear

THRESHOLD DEVELOPMENT COMPANY
TDC Cowtown State #1
Section 6-T19S-R23E
Eddy County, New Mexico

#26: PERFORATION RECORD

7758-7798' w/34 .45" holes
7626-7668' w/54 .50" holes
7142-7232' w/80 .50" holes
6178-6296' w/68 .50" holes
6178-6198' w/80 .50" holes
4411-4524' w/62 .38" holes

#27: ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC:

7758-7798'	Acidized with 3000 gallons 15% iron control HCL acid & ball sealers
7626-7668'	Acidized with 3000 gallons 15% iron control HCL acid
7142-7232'	Acidized with 2000 gallons 7-1/2% iron control HCL acid with 250 gallons methanol
6272-6296'	Acidized with 3000 gallons 15% iron control HCL acid - communicated with upper perforations
6178-6296'	Acidized with 7500 gallons 15% iron control HCL acid & ball sealers
6178-6296'	Set cement retainer at 6145'. Established injection rate. Squeezed perforations with 125 sacks Class C (weight 14.8) Obtained running squeeze at 3900 psi. Drilled out retainer & cement to 6250'.
6178-6198'	Acidized with 2500 gallons 15% iron control HCL acid. Re-acidized with 19400 gallons 15% iron control HCL acid & ball sealers. Flushed with 48 bbls fresh water
4411-4524'	Acidized with 2500 gallons 15% HCL acid & ball sealers. Frac'd (via tubing) with 18600 gallons crosslinked gel & 42400# Brady sand. Flushed with base gel.

OPERATOR: THRESHOLD DEVELOPMENT
WELL/LEASE: TCD COWTOWN ST #1
COUNTY: EDDY, NM

RECEIVED

MAR 31 2004
493-5068

THRESHOLD DEVELOPMENT

STATE OF NEW MEXICO
DEVIATION REPORT

247	1/2
331	1/2
540	3/4
710	1
770	3/4
857	1/2
970	1 1/2
1,057	1 1/2
1,149	3/4
1,242	1/2
1,334	3/4
1,426	1
1,681	1
1,815	1
2,062	3/4
2,312	1
2,559	3/4
2,808	3/4
3,056	3/4
3,306	1 1/2
3,555	1 1/2
3,804	3/4
4,298	3/4
4,837	1/4
5,291	1/4
5,831	1/2
6,324	1
6,824	3/4
7,321	1 1/4
7894 TD	3 1/2



By: [Signature]

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 29th day of March, 2004, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

My Commission Expires: 8/23//2007

[Signature]
Notary Public for Midland County, Texas

