

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised March 25, 1999

WELL API NO.
30-025-35867

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 ☐ THER ☐
b. Type of Completion:
NEW ☐ WORK ☐ DEEPEN ☒ PLUG ☐ DIFF.
WELL OVER BACK RESVR. ☐ OTHER

7. Lease Name or Unit Agreement Name
Townstar ACS State

2. Name of Operator
Permian Resources, Inc. OGRID 25797

8. Well No.
1

3. Address of Operator
P.O. Box 590, Midland, Texas 79702

9. Pool name or Wildcat
Tulk, Upper Wolfcamp South / WC Cisco Pool
WILDCAT UPPER

4. Well Location
Unit Letter L : 1650 Feet From The South Line and 950 Feet From The West Line

Section 18 Township 15S Range 35E NMPM Lea County

10. Date Spudded 04-03-02	11. Date T.D. Reached 05-29-02	12. Date Compl. (Ready to Prod.) 11-15-02	13. Elevations (DF& RKB, RT, GR, etc.) 4041 GL 4061.5 KB 4060.5 DF	14. Elev. Casinghead
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15. Total Depth 13,200	16. Plug Back T.D. 11,150	17. If Multiple Compl. How Many Zones? 2	18. Intervals Drilled By Rotary	Rotary Tools Cable Tools
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19. Producing Interval(s), of this completion - Top, Bottom, Name
Abo/Wolfcamp - 9656-9692' WC Cisco 10736-10765'

20. Was Directional Survey Made
No

21. Type Electric and Other Logs Run
Compensated Neutron, Compensated Sonic, Laterolog

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
13 3/8	48	406	17 1/2	420 Sxs Prem P, Circ to surface	
9 5/8	36 & 40	5,750	12 1/4	1400 Sxs Inner-Fill C w/14#Flocele, tailed w/250 sxs Prem P w/2% CaCl2, TOC Surface	
5 1/2	17 & 20	13,000	8 3/4	800 Sxs Inner-fill H w/1/4# flocele, tailed w/1280 sxs Super H TOC 5250'	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	11,711'	

26. Perforation record (interval, size, and number) See Attached Sheet	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

28. PRODUCTION

Date First Production 11-06-02		Production Method (Flowing, gas lift, pumping - Size and type pump) 2 1/2 x 1 1/2 x 34' RHBC Pump			Well Status (Prod. or Shut-in) Producing		
Date of Test 11-30-02	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 35	Gas - MCF	Water - Bbl. 85	Gas - Oil Ratio
Flow Tubing Press. 10	Casing Pressure	Calculated 24-Hour Rate 24	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 34.5	

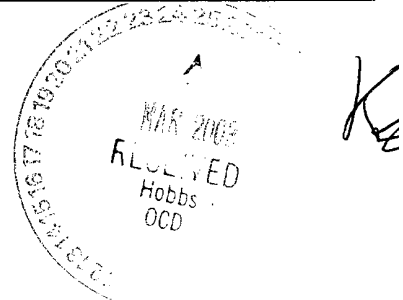
29. Disposition of Gas (Sold, used for fuel, vented, etc.)
Waiting on Connection

Test Witnessed By
Ruben Collins

30. List Attachments
C-102, 104, Wellbore Diagram, Wellhead Schematic, 107A, Approved Order DHC 3121

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 *Barbara Watson* Printed Name Barbara Watson Title Regulatory Compliance Date 3-21-03



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

T. Anhy
T. Salt
B. Salt 1840
T. Yates 3001
T. 7 Rivers
T. Queen 3826
T. Grayburg
T. San Andres 4589
T. Glorieta 6090
T. Paddock
T. Blinebry
T. Tubb 7347
T. Drinkard
T. Abo 8050
T. Wolfcamp 9770
T. Penn 10268
T. Cisco (Bough C) 10470

T. Canyon
T. Strawn
T. Atoka
T. Miss
T. Devonian
T. Silurian
T. Montoya
T. Simpson
T. McKee
T. Ellenburger
T. Gr. Wash
T. Delaware Sand
T. Bone Springs
T.
T.
T.
T.

Northwestern New Mexico

T. Ojo Alamo
T. Kirtland-Fruitland
T. Pictured Cliffs
T. Cliff House
T. Menefee
T. Point Lookout
T. Mancos
T. Gallup
Base Greenhorn
T. Dakota
T. Morrison
T. Todilto
T. Entrada
T. Wingate
T. Chinle
T. Permian
T. Penn "A"

T. Penn. "B"
T. Penn. "C"
T. Penn. "D"
T. Leadville
T. Madison
T. Elbert
T. McCracken
T. Ignacio Otzte
T. Granite
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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 s In Feet	Lithology	From	To	Thickness In Feet	Lithology
0	1971	1971	Surface Sands				
1971	3049	1078	Anhydrite Rustler				
3049	3173	124	Salt - Tansill				
3173	4132	959	Andydrite & Salt Yates				
4132	4766	634	Andydrite Queen				
4766	6346	1580	Andydite & Dolomite - SA				
6346	7511	1165	Dolomite & Shale - Glorieta				
7511	8271	760	Dolomite & Shale - Tubb				
8271	9650	137	Lime & Shale - Abo				
9650	10400	750	Lime & Shale - Wolfcamp				
10400	11390	990	Lime & Shale - Penn - Wolfcamp				
11390	11556	166	Lime & Shale - Strawn				
11556	11600	44	Shale - Atoka				

Permian Resources, Inc

Townstar "ACS" State No. 1

Yates Petroleum Co. Workover Report to

NMOCD Form C-101 Filed by Yates Petroleum Corporation dated 3/20/02, approved 3/21/02 as Wildcat Mississippian

Surface Location

1650' FSL & 990' FWEL
Unit L, Section 18, T15S, R35E
Lea County, New Mexico

320 Acres, NW/4 SW/4
Elevation: 4041' GR

Existing Hole Sizes, Casing Sizes and Cement

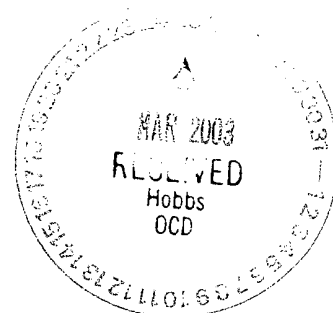
17-1/2" hole @ 406'	13-3/8" 9 jts, 48 #/ft H-40 SR, STC casing @ 406'	Cmt w/ 200 sxs. Premium Plus w/1/4# Flocele, 2% CaCl ₂ + 220 sxs. Premium Plus CaCl ₂ Circulated 80 sx to pit.
12-1/4" hole @ 4,160'	9-5/8" 129 jts. 36 & 40 #/ft casing @ 5750'	Cmt w/ 1400 sxs Inner-fill Cw/1/4# flocele, tailed in w/250 sxs. Premium Plus w/2% CaCl ₂ . TOC Surface, cement circulated.
8-3/4" hole @ 11,600'	5 -1/2" 17 & 20 #/ft casing @ 13,000'	Cmt w/ 800 sxs Inner-fill H w/1/4# flocele. Tailed in w/1280 sxs Super H w/1# salt + 5/10% Halad 344 + 4/10% CFR-3 + 5# gilsonite + 2/1-%HR-7. TOC calculated @5250'

PBTD - 13,153'

Perforated Intervals

Atoka 6/12/02
11979-11995' (102 Hole 4 SPF)
Acidz w/150 gals 7 1/2% Acid + 1000 SCF N@/bbls.

Set CIBP @11950' w/35' cmt.



Permian Resources, Inc.
Townstar "ACS" State No. 1

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Strawn 6/18/02

11818-11830' (52 Holes 4 SPF)

Acdz w/210 gal 20% ICHCL spot.

Re-acdz w/2000 gals 20% ICHCL + 25 BS.

Set CIBP @11780' w/35' cmt.

Canyon 6/24/02

11194-11200' & 11204-11208' (48 Hole 4 SPF)

Acdz w/210 gals 20% ICHCL spot.

Set 5 ½" CIBP @11150' w/35' cmt.

Cisco 6/26/02

10736-10747, 10750-10756' & 10759-10765'

(104 Holes 4 SPF)

Acdz w/210 gal 20% UCHCL spot.

Re-acdz Cisco @10736-10765' w/2500 gal 20% HCL w/1000

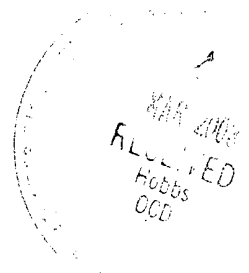
SCF N2/Bbls + 50 BS.

Abo/Wolfcamp 7/8/02

9656-9660' & 9670-9692' (168 Holes 6 SPF)

Acdz w/210 gals 20% HCL spot.

Re-acdz Abo/Wolfcamp 9656-9692' w/2500 gals 20% NeFe +
80 BS.



TOWNSTAR ACS STATE # 1

SURFACE CASING 13-3/8"
DEPTH 406
SACKS 200
WEIGHT/GRADE 48#, H40
TOP CEMENT CIRC

INTER CASING 9-5/8"
DEPTH 5750
SACKS 390
WEIGHT/GRADE 40/30#, J55
TOP CEMENT CIRC

TOP CEMENT 5250' CALC

TAC 10479'

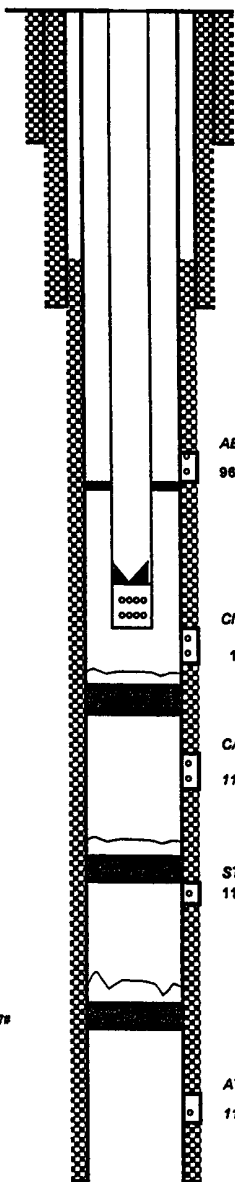
SN 10675'

END OF TBG 10711

PROD CASING 5-1/2"

DEPTH 13200
SACKS 2080

WEIGHT/GRADE P110/L80-20/17#



ABO
9656-60', 9670-92'

CISCO
10736-47, 10750-
10756, 10759-10765'

CIBP 11150'

CANYON
11191-11200', 11204-11208'

CIBP 11780'

STRAWN
11818-11830'

CIBP 11950'

ATOKA
11979-11995'

TD 13200

2/5/03

LEASE NAME:	TOWNSTAR ACS STATE	WELL #	1
LOCATION:	1650' FSL, 990' FWL ("L"), SEC 18, T1SS, R35E		
COUNTY, STATE:	LEA, NM	NMOCD #	E-7984
TD	13200	KB	API # 30-025-35867
PBTD		GL	4041
CURRENT PROD ZONE:	ABO/CISCO	PERFS:	10736-65, 9656-92'

LUFKIN 640 PUMPING UNIT, M640B-305-168, GEAR RATIO 28.6

CASING AND TUBING DESIGN

	HOLE	SIZE	DEPTH	GRADE/WT	SACKS	TOP CEMENT
SURF	17-1/2"	13-3/8"	406	48#, H40	200	CIRC
INTER	12-1/4"	9-5/8"	5750	40/30#, J55	390	CIRC
PROD	8-3/4"	5-1/2"	13200	P110/L80-20/17#	2080	5250' CALC
TUBING SIZE	2-7/8"	JOINTS	328	GRADE	L80	
SN/PMP DEPTH	10675'	TA	10479'	PACKER	NONE	

8/14/02 ATOKA PERFS 11979-11995, ACID 1500 7-1/2% PLUS BALLS, 6800 PSI, ISDP 5900, 15" 5380 PSI, SWB 2 DAYS, SL SHOW OIL AND GAS, CIBP 11850' W/35' CEMENT

8/19/02 STRAWN PERFS 10818-10830, ACID 800, TEST TIGHT, ACID 2000 20%, 3.5 BPM, 5700 PSI, 15" SIP 4320, SWAB RECD 1% OIL, WATER, SLIGHT GAS, CIBP 11780 W/35' CMT.

8/25/02 CANYON PERFS: 11191-11200, 11204-11208, PUT AWAY SPOT, VACUUM IN 7", SWB FFL 4800', REC WATER, CIBP 11150' WITH 35' CEMENT.

8/27/02 CISCO PERFS 10736-47, 10750-10756, 10759-10765, SPOT AND PUT AWAY 5 BBLs 20%, ISDP 5100, 15" 3370 PSI, BLEED DOWN, 4TH SWAB REC 10% OIL, 15 BW, BLOW GAS, WATER-88, 127 PPM, ACID 2800 20%, BREAK 6200, AIR 3, ISDP 5750, 15" 5020. SET RBP 10680'

7/8/02 ABO PERFS: 9656-60, 9670-92, BREAKDOWN AT 3382#, PUMP SPOT ISDP 3350, 15" 2684, SWB WATER WITH SHOW OIL UP TO 10%, ACID 2500 20%, ISDP 2912, 15" 2738 WATER, 10% OIL CUT, SLT SHOW GAS, CHLORIDE-98903. REL RBP AT 10680', NO REPORT FROM 7/27/02 TO PRI TAKES OVER WELL.

11/07/02 PRI TOOK BEGINS OPERATIONS, POOH w/ 290 JTS OF 2-7/8" 8.5#, L80 TBG, ADD BPMA, PS, SN, 6 JTS TBG, 32 JTS TBG OFF GROUND & 290 JTS IN DERRICK. SWABING 100% WATER, EFL AT 2400' FS, RIH WITH PUMPING ASSEMBLY. SET 640 BPU. INSTALL ELECTRICAL SYSTEM & POP 6.4 BPM X 149" SL X 1.5" PMP.

RODS:

2-1/2" X 1-1/2" X 34' RHBC, SCB, DV, 6' PLUNG/ 6 FT
2- 5/16 X 4' CENTRALIZED FLEX BAR w/ 7/8" pin
1-1/2" X 25' Kbar w/ 3/4" pin + 20K shear tool
8- 1-1/2" X 25' Kbars w/ 3/4" pin,
73- 1" Norris 97 Steel Rods
173- 1.25" Fiberflex Used PG rods
52- 1.25" Fiberglass New PG rods
27- 1.25" Fiberglass pony rods (8' & 18')
EOT @ 10711', SN @ 10675', TAC @ 10475'

TUBING

1 2-7/8" MA (32.62'-L80)
1- 2-7/8" PS (4.08'-J55)
1- 2-7/8" SN (1.10')
6- 2-7/8" Tubing (L-80, 185.64')
1- 5-1/2" X 2-7/8" TAC (2.70')
321 Jts 2-7/8" L-80 Tubing (10459.97')

11/19/02 PLACE WELL ON PUMP; 0 BO, 175 BW, 16 HRS
12/23/02 42 BO, 180 BW, 24 HRS

