

Titan Resources I, Inc.
Well History
#Name?

FOR RECORD ONLY

Well Name WARLICK A #1

Lease Well 501616-

State: NM

County: LEA

Activity Date 1/31/98

Type of Report: WORKOVER

INITIAL & FINAL REPORT

Description

Times

Hours

Remarks

MIRU EUNICE WELL SERVICE; TOOH W/ RODS & PUMP; TIH W/ 1 1/4" PUMP, 90 - 5/8" RODS, 170 - 3/4" RODS, PUMP LANDED @ 6560'; HANG WELL ON; SPACE WELL OUT; LOAD & TEST; 15 STROKES @ 500 PSI; RETURN WELL TO PRODUCTION; RD EUNICE WELL SERVICE.

Daily Cost

Cum Cost

AFE Amount

AFE #

\$1,600

\$1,600

Activity Date 7/24/98

Type of Report: WORKOVER

INITIAL REPORT

Description

Times

Hours

Remarks

MIRU EUNICE WELL SERVICE. TOH W/RODS & PMP. ND WH. NU BOP. PU ON TBG. TBG PARTED JUST BELOW SLIPS. SDFN. PREP TO RUN SPEAR & FISH TBG.

Daily Cost

Cum Cost

AFE Amount

AFE #

\$1,200

\$1,200

Activity Date 7/25/98

Type of Report: WORKOVER

FINAL REPORT

Description TBG HAD A ONE FOOT SPLIT

Times

Hours

Remarks

TIH W/ CENTERSPEAR TO 14' BELOW SURFACE; LATCH ON FISH; PULL UP; GRAPPLE PULLED OF FISH; MADE 6 ATTEMPTS TO FISH TBG; TBG IS STUCK; PULLED TBG TO SURFACE; ONE TIME PULLING 42 POINTS ON BEFORE PULLING LOOSE FROM SPEAR; TBG FELL 20'; HAD A ONE FOOT SPLIT IN THE TBG; RD FISHING TOOLS; LD 5/8" RODS IN TRIPLES OUT OF DERRICK; ND BOP; NU WELL HEAD; RD EUNICE WELL SERVICE; LEAVE WELL SI.

Daily Cost

Cum Cost

AFE Amount

AFE #

\$3,400

\$4,600

**TUBING BREAKDOWN AS OF
ROD BREAKDOWN AS OF 1/30/98**

# Rods	Running Ftg.	Footage	Description
1	22	22	1 1/4" X 22' POLISHED ROD
4	42	20	3/4" 4' X 4' X 6' X 6' PONY ROD
170	4292	4250	3/4" X 25' SUCKER RODS
90	6542	2250	5/8" X 25' SUCKER RODS
	6554	12	1 1/2" X 1 1/4" X 12' RWBC W/ 3/4" X 6' GA
265		6554	Rod Summary

A.P.I. Number: 30-025 1664

Well Bore Schematic

Lease WJALICK A Well: 1 Field: _____
 Location: 1580 feet F.S. L & 660 feet F.E. Section 19 Township 21S Range 37E
 Unit I Block I Survey _____
 LEA County NM State _____

GL 3498
 OF _____
 KB 3510

Spud Date: 1-66
 Completion Date: _____

Surface Casing

9 5/8 " OD, _____ #19, grade _____
 Casing Set at 1251
 Cmt with 800 sks, Circ 75 sks
 Hole Size 12 1/4

Intermediate Casing

_____ " OD, _____ #19, grade _____
 Casing Set at _____
 Cmt with _____ sks, Circ _____ sks
 TOC @ _____ by _____
 Hole Size: _____

FULMONT
 338.5-3636
 F-w/ 324,000 + 30,000

DENROSE SKELLY
 3756-36
 F-w/ 174,000 + 17,000

SAN ANTONIO
 3583-92 A-11500
 100% WTR

DADDUCK
 5164-5256
 F-w/ 20,000 + 20,000

BLINNEY
 5588-5942
 F-w/ 220,000 + 30,000

WBB
 202-72
 00% WTR

DRINKARD
 6594-6664
 F-w/ 20,000 + 20,000

6582-65 39 w/ 255x
 P3TD
 ID 6764

#1 2 7/8 @ 6759 PD 6664

#2 2 7/8 @ 6759 PD 6758

#3 2 7/8 @ 6749 PD 6681

Current Perforations:

Production Casing

_____ " OD, _____ #19, grade _____
 Casing Set @ _____ w/ 1133 total sks
 in _____ stages with DV tool set @ _____
 Stage 1 circ? _____ sks TOC @ 1320 by TEMP CURING
 Stage 2 circ? _____ sks TOC @ _____ by _____
 Stage 3 circ? _____ sks TOC @ _____ by _____
 Hole Size: 8 3/4

Date: 11-24-97
 Prepared By: PETER WILKINSON

PARKER & PARSLEY DEV. CO.
DAILY OPERATIONS REPORT
BY WELL

(01/01/00 THRU 12/31/99)
PERMIAN BASIN WEST DISTRICT

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DDPF080
07/14/94
14:00:21

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WELL: WARLICK A #1 (W/O)	STATE: NM	PBTD: 6,749
WI: P&P PRODUCING, INC.: 0.60742100		
DISTRICT: PERMIAN BASIN WEST	COUNTY: LEA	

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06/02/94 FIRST REPORT: OBJECTIVE: REPAIR SURFACE CSG LEAK, PLUG BACK 2 WELLBORES AND COMMINGLE 3 ZONES INTO 1 WELLBORE.

MIRU Clarke WS. Blow dwn and ND wellheads. RU KT and kill 3 - 2 7/8" wellbores w/ 10# BW each. Unseat Drinkard pmp and LD PR. Unseat Penn Skelly pmp, POOH LD 147 5/8" rods and 1 1/16" pmp. Start OOH w/ rods f/ Drinkard LD. SDFN.
DC-\$ 1,500.00 CTD-\$ 1,500.00

06/03/94 Continue OOH and LD 179 - 3/4" rods, 78 - 5/8" rods and 1 1/4" insert pmp f/ Drinkard wellbore. Pmp'd 50 BBW to control wellbore and NU BOP. POOH and LD 201 jts. 2 1/16" tbq and SN. NU BOP on Penn-Skelly wellbore and start OOH w/ 1.9" tbq. LD. SDFN.
DC-\$ 2,800.00 CTD-\$ 4,300.00

06/04/94 Continued OOH and LD 1.9" tbq f/ Penn-Skelly wellbore, ND BOP. NU BOP on Blinebry wellbore and hot oiled 1 1/4" tbq. Rels'd pkr and POOH LD 1 1/4" tbq and pkr seal assembly. SDFN.
DC-\$ 3,300.00 CTD-\$ 7,600.00

06/05/94 SDFS.
CTD-\$ 7,600.00

06/06/94 SDFS.
CTD-\$ 7,600.00

06/07/94 Hot oiled all (3) 2 7/8" csg strings w/ 35 BO each. It should be noted that water came up from around cellar and PU (to surface) when HO Penrose-Skelly csg. RU Wedge WL and ran 2.26 guage ring in all (3) 2 7/8" csg strings. Eumont-Bligneby to 3764' (top perf @ 3385'), Penrose-Skelly to 3794' (top perf @ 3756') and Drinkard to 6600' (top perf @ 6594'). RD WL and SDFN.
DC-\$ 3,300.00 CTD-\$ 10,900.00

06/08/94 NU BOP on Drinkard wellbore and tbq tester. Tst'd 2 1/16" tbq in hole (under slips) and 2 7/8" RTTS pkr to 1300', tst'd 2 7/8" csg to 500 psi, OK. RIH to 3004' and set pkr. Tst'd to 500 psi, OK.

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RIH to 3656' and set pkr. Hole W/N load, Eumont-Blinebry 2 7/8" csg pressured up while pmp'g in Dringard wellbore w/ pkr set @ 3656' (wellbores communicated). PU, set pkr @ 3300', tst'd to 500 psi, OK. SDFN.
DC-\$ 3,900.00 CTD-\$ 14,800.00

06/09/94 Rels'd 2 7/8" RTTS pkr and TOOH w/ 2 1/16" tbg. RIH (Eumont-Blinebry) w/ pkr and set @ 3254'. Tst'd csg to 500 psi, OK. TOOH w/ pkr. RIH (Penn-Skelly) w/ pkr and set @ 3254'. Tst'd csg to 500 psi, OK. POOH LD 2 1/16" tbg and pkr. ND wellheads. SDFN.
DC-\$ 4,100.00 CTD-\$ 18,900.00

06/10/94 RU Wedge WL, RIH w/ 2.1" CIBP and set @ 3250' in the Penrose-Skelly wellbore. Dump 20' cmt on top w/ bailer. ND csg head and pull stretch, free point @ 1350'. RIH w/ chemical cutter and cut 2 7/8" csg @ 1281' (Penrose-Skelly). POOH LD 2 7/8" csg. Prepare to set stub plug to permanently plug back Penrose-Skelly in a.m. Circ'd 9 5/8" clean recovering drilling mud. SDFN.
DC-\$ 6,500.00 CTD-\$ 25,400.00

06/11/94 RU Halliburton. Break cir thru Penrose-Skelly 2 7/8" csg cut @ 1281'. Circ'd and spotted 70 sx class "C" Neat cmt over 2 7/8" csg stud @ 1281' to permanently plug the Penrose-Skelly wellbore. POOH LD 40 jts 2 7/8" csg. WOC 2 hrs. PU Drinkard 2 7/8" csg w/ spear and backed off tbg head. Stacked out csg. PU Eumont Blinebry 2 7/8" csg w/ spear and backed off tbg head. Stacked out csg. SDFN.
DC-\$ 4,400.00 CTD-\$ 29,800.00

06/12/94 SDFS.
CTD-\$ 29,800.00

06/13/94 SDFS.
CTD-\$ 29,800.00

06/14/94 Dug out surface csg and started jack hammering out concrete.

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SDFN.

DC-\$ 2,000.00 CTD-\$ 31,800.00

06/15/94 Continued to jack out concrete around 9 5/8" surface csg.
Removed concrete and cut off bad 9 5/8" csg (12'). Replaced and
welded new 9 5/8" csg to surface. SDFN.
DC-\$ 3,500.00 CTD-\$ 35,300.00

06/16/94 Cover in hole, set collars. MIRU Clark Well Service. Cut off 9
5/8" csg to NU wellhead. WO wellhead tbg hangers. RU Wedge
Wireline. RIH w/ Gamma Ray Collar locator log f/ 6595' - 3200'.
SDFN.
DC-\$ 2,800.00 CTD-\$ 38,100.00

06/17/94 Weld on dual wellhead. Hang 2 - 2 7/8" csg string on head. RU
Wedge Wireline & perf Blinebry f/ 5588-92', 5595-98', 5600-09',
5620-26', 5649-60', 5670-77', 5684-91', 5865-67', 5882- 84',
5896-5902', 5933-42', perf Penn Skelly f/ 3756- 70', 3774-80',
3792-96' w/ 2" HSC gun, 2 JSPF. SDFN.
DC-\$ 13,900.00 CTD-\$ 52,000.00

06/18/94 WO on tools to acidize.
CTD-\$ 52,000.00

06/19/94 SDFS
CTD-\$ 52,000.00

06/20/94 SDFS
CTD-\$ 52,000.00

06/21/94 NU BOP. RIH w/ 2 1/16" pkr and 2 7/8" tbg, teting tbg in hole.
Set pkr @ 6186'. RU Halliburton and acidized Drinkard perms w/
1000 gals 15% NEFE @ 2 BPM and 400 psi. ISIP vac. Rels'd pkr
and TOCH. RIH w/ 2 7/8" RBP and 2 7/8" pkr. Set RBP @ 6104'.
PU and set pkr @ 6314'. Acidized Blinebry perms w/ 2000 gals 15%
NEFE @ 3.5 BPM and 200 psi. ISIP vac, acid communicated w/ vent
string. Rels'd pkr, RIH and caught RBP. PU and set RBP @ 4026'
and pkr @ 3705'. Acidized Penn Skelly w/ 2000 gals NEFE on vac.

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Rels'd pkr, RIH and caught RBP. POOH and LD tools. Flushed both wellbores w/ 35 BW to kill gas flow. SDFN. 760 TBLTR.
DC-\$ 15,200.00 CTD-\$ 67,200.00

06/22/94 TIH w/ 2 1/16" MA, SN, 202 jts 2 1/16" tbg, set @ 6604'. SN @ 6572'. RIH w/ 1 1/2" x 1 1/4" x 12' pump. RIH 90-5/8", 169-3/4", 3-4' - 3/4" subs, 1-6' - 3/4" sub. Flush tbg w/ 25 BW, load tbg and test to 500 psi. SDON.
DC-\$ 3,500.00 CTD-\$ 70,700.00

06/23/94 RU Wellhead, align P.U. Start unit, would not pump. Loaded tbg, lowered rods to tag, flush'd backside. Left well pmp'g on 50% run time.
DC-\$ 565.00 CTD-\$ 71,265.00

06/24/94 Well not pumping. RU WSU, TOH w/ rods & pump. Shop pump. Run swab to seating nipple. No fluid above SN. Shut in.
DC-\$ 720.00 CTD-\$ 71,985.00

06/27/94 TOH w/ 2 1/16" production tbg. RIH w/ bulldog sand bailer. Tagged fill and started bailing sand @ 6590'. Work thru tight spot @ 6617'. Cont to bail to 6620'. TOH w/ 66 jts tbg, became stuck. Jarred tbg using bailer as jars, no movement. Pumped 28 bbls 2% KCL wtr dwn annulus, no movement. SDFN. Btm of tbg @ 4437'. Bailer @ 3785'. Penn-Skelly perms f/ 3756' to 3790'.
DC-\$ 1,100.00 CTD-\$ 73,085.00

06/28/94 Worked tbg, no movement. RU Halliburton. Pmp'd 250 gal 15% NEFE. Double inhibited acid dwn 2 7/8" x 2 1/16" annulus, flushed w/ 2 bbl 2% KCL wtr w/ surfactant. Work tbg, came loose. TOH w/ tbg, bailer and float sub. SDFN.
DC-\$ 3,350.00 CTD-\$ 76,435.00

06/29/94 Ran 2.40" O.D. string mill, bumper sub, jars, 4-2" D.C's and tbg. Set dwn @ 6183'. Milled lightly and cont dwn to 6620', OK. TOH w/ 43 stands out, well unloaded small amount of oil & wtr out tbg. Had good gas blow. LD milling tools. Ran 2 5/16" O.D. notched collar, float subs, 652' of 2 1/16" tbg cavity, bulldog

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bailer, bumper sub, jars, 4-2" drill collars and 2 1/16" tbg.
SDFN.

DC-\$ 4,532.00 CTD-\$ 80,967.00

06/30/94 RIH w/ tbg and bulldog bailer, tagged sand & started bailing @ 6620'. C/N make any hole. Rotated w/ power swivel, torqued-up. Worked 2 hrs made only 2'. TOH LD bailer. Had 55' of thick paraffin scale and sand in tbg. RIH w/ 2 1/16" x 12' MA, SN & 203 jts 2 1/16" tbg. Tagged fill @ 6620'. LD 1 jt. SN @ 6579'. RU to swab, FL @ 6150'. Recovered 2 bbls of thick oil. SDFN.
DC-\$ 3,950.00 CTD-\$ 84,917.00

07/01/94 Ran swab 5 time, FL @ 4500' each time. Recovered about 6 bbls of dirty wtr. Last run water was cleaning up. Ran pump and rods as follows: 1/2" x 4' GA, 172 3/4" & 90 5/8", 10' of 3/4" subs, 2' x 5/8" sub on top of pmp. Ran 1 1/2" x 1 1/4" x 12' RWTC Pump. Well pmp'g @ 3:30 PM w/ 44" stroke @ 9 SPM.
DC-\$ 1,530.00 CTD-\$ 86,447.00

07/02/94 150 MCFPD & 11 BWPD.
CTD-\$ 86,447.00

07/03/94 145 MCFPD & 8 BWPD.
CTD-\$ 86,447.00

07/04/94 140 MCFPD & 5 BWPD.
CTD-\$ 86,447.00

07/05/94 140 MCFPD & 5 BWPD.
CTD-\$ 86,447.00

07/06/94 150 MCFPD & 5 BWPD.
CTD-\$ 86,447.00

07/08/94 115 MCFPD & 5 BWPD.
CTD-\$ 86,447.00

07/10/94 120 MCFPD & 5 BWPD.

WF

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CTD-\$ 86,447.00

07/11/94 130 MCFPD & 5 BWPD.

CTD-\$ 86,447.00

07/12/94 130 MCFPD & 5 BWPD.

CTD-\$ 86,447.00

07/13/94 LAST REPORT: OBJECTIVE: W/O TO REPAIR SURFACE LEAK AND
COMMINGLE 3 ZONES IN ONE WELLBORE, EUMONT, DRINKARD & BLINBRY.
W/O IS COMPLETE.

130 MCFPD & 5 BWPD.

PAYOUT IS EXPECTED @ 10.9 MONTHS.

AFE #: 210466-001

AFE \$: 53,900

FINAL REPORT.

CTD-\$ 86,447.00