

1-800-555-0101
F O. Box 1983
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
17 Rio Brazos Road
NM 87410
District IV

New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-140
Originated 11/1/95

Submit Original
Plus 2 Copies
to appropriate
District Office

H-0370-8/5

APPLICATION FOR
QUALIFICATION OF WELL WORKOVER PROJECT
AND CERTIFICATION OF APPROVAL

THREE COPIES OF THIS APPLICATION AND ALL ATTACHMENTS MUST BE FILED WITH THE APPROPRIATE DISTRICT OFFICE OF THE OIL CONSERVATION DIVISION.

I. Operator: TITAN RESOURCES I, INC. OGRID #: 150661
Address: 500 W. TEXAS, SUITE 500, MIDLAND TX 79701

Contact Party: BRUCE WOODARD Phone: 915/682-6612

II. Name of Well: E. O. CARSON NO. 18 API #: 30-025-06872
Location of Well: Unit Letter M, 660 Feet from the SOUTH line and 760 feet from the WEST line,
Section 28, Township 21S, Range 37E, NMPM, LEA County

III. Date Workover Procedures Commenced: 4/18/97
Date Workover Procedures were Completed: 4/25/97

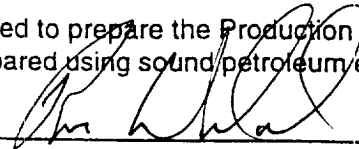
IV. Attach a description of the Workover Procedures undertaken to increase the production from the Well.
Attach an estimate of the production rate of the Well (a production decline curve or other acceptable method, and table showing monthly oil and/or gas Project Production) based on at least twelve (12) months of established production which shows the future rate of production based on well performance prior to performing Workover.

VI. Pool(s) on which Production Projection is based:
49210 PADDOCK

VII. AFFIDAVIT:
State of TEXAS)
County of MIDLAND) ss.

Bruce Woodard, being first duly sworn, upon oath states:

1. I am the Operator or authorized representative of the Operator of the above referenced Well.
2. I have made, or caused to be made, a diligent search of the production records which are reasonably available and contain information relevant to the production history of this Well.
3. To the best of my knowledge, the data used to prepare the Production Projection for this Well is complete and accurate and this projection was prepared using sound petroleum engineering principles.


(Name) BRUCE WOODARD

PRODUCTION OPERATIONS MANAGER
(Title)

mp

SUBSCRIBED AND SWORN TO before me this 25th day of July, 1997



Haylie M. Urias

Notary Public

My Commission expires: _____

FOR OIL CONSERVATION DIVISION USE ONLY:

VIII. CERTIFICATION OF APPROVAL:

This Application for Qualification of Well Workover Project is hereby approved and the above referenced Well is designated as a Well Workover Project pursuant to the "Natural Gas and Crude Oil Production Incentive Act" (Laws 1995, Chapter 15, Sections 1 through 8). The Oil Conservation Division hereby verifies the Production Projection for the Well Workover Project attached to this application. By copy of this Application and Certification of Approval, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project has been completed as of 4-25-97, 1997.

[Signature]

District Supervisor, District 1
Oil Conservation Division

Date: 8/20/97

IX. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT.

DATE: _____

8/15/97

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, 87505

WELL API NO. 30-025-06872
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. ---

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Lease Name or Unit Agreement Name E. O. Carson
2. Name of Operator Titan Resources I, Inc.	8. Well No. 18
3. Address of Operator 500 W. Texas, Suite 500, Midland, Texas 79701	9. Pool name or Wildcat Paddock
4. Well Location Unit Letter M : 660 Feet From The South Line and 760 Feet From The West Line Section 28 Township 21S Range 37E NMPM Lea County	10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3462' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input checked="" type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: Additional Pay in L. Paddock & Acidize <input checked="" type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

4-18-97 MIRU pulling unit. POOH with rods, pump and tubing. RIH with bit and clean-out bailer. Tagged fill at 5289'. (Perfs: 5285'-5295') RIH with fishing tool. Caught and retrieved 31' 2 3/8" tubing. (old junk in hole)

4-19-97 RIH with bit and clean-out bailer. Cleaned out to PBTD 5390'. POOH. RIH with packer and tubing. Set packer at 5173'.

4-20-97 Hot oiled tubing and swabbed back load oil.

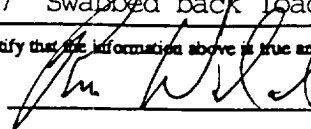
4-22-97 Acidized perfs 5285' to 5295' with 1500 gals 15% NEFe HCl. Swabbed back load water.

4-23-97 POOH with tubing and packer. Ran GR-CNL-CCL.

4-24-97 Perforated additional Paddock pay with 1 shot/ft as follows: 5150' to 5156' (7 shots); 5171' to 5181' (11 shots); 5190' to 5200' (11 shots); 5223' to 5233' (11 shots). RIH with retrievable bridge plug and packer. Set bridge plug at 5260', set packer at 5049'. Acidized perfs 5150' to 5233' with 3000 gals 15% NEFe HCl. RU swab and swabbed back load water.

4-25-97 Swabbed back load water. Released packer and retrieved bridge plug and POOH. RIH with

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE Production Operations Manager DATE 6/11/97

TYPE OR PRINT NAME Bruce Woodard TELEPHONE NO. (915)498-8663

(This space for State Use)
ORIGINAL SIGNED BY CHRIS WILLIAMS
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE 6/17/97

CONDITIONS OF APPROVAL, IF ANY:

tubing for production.

4-25-97 RIH with pump and rods and put on production.

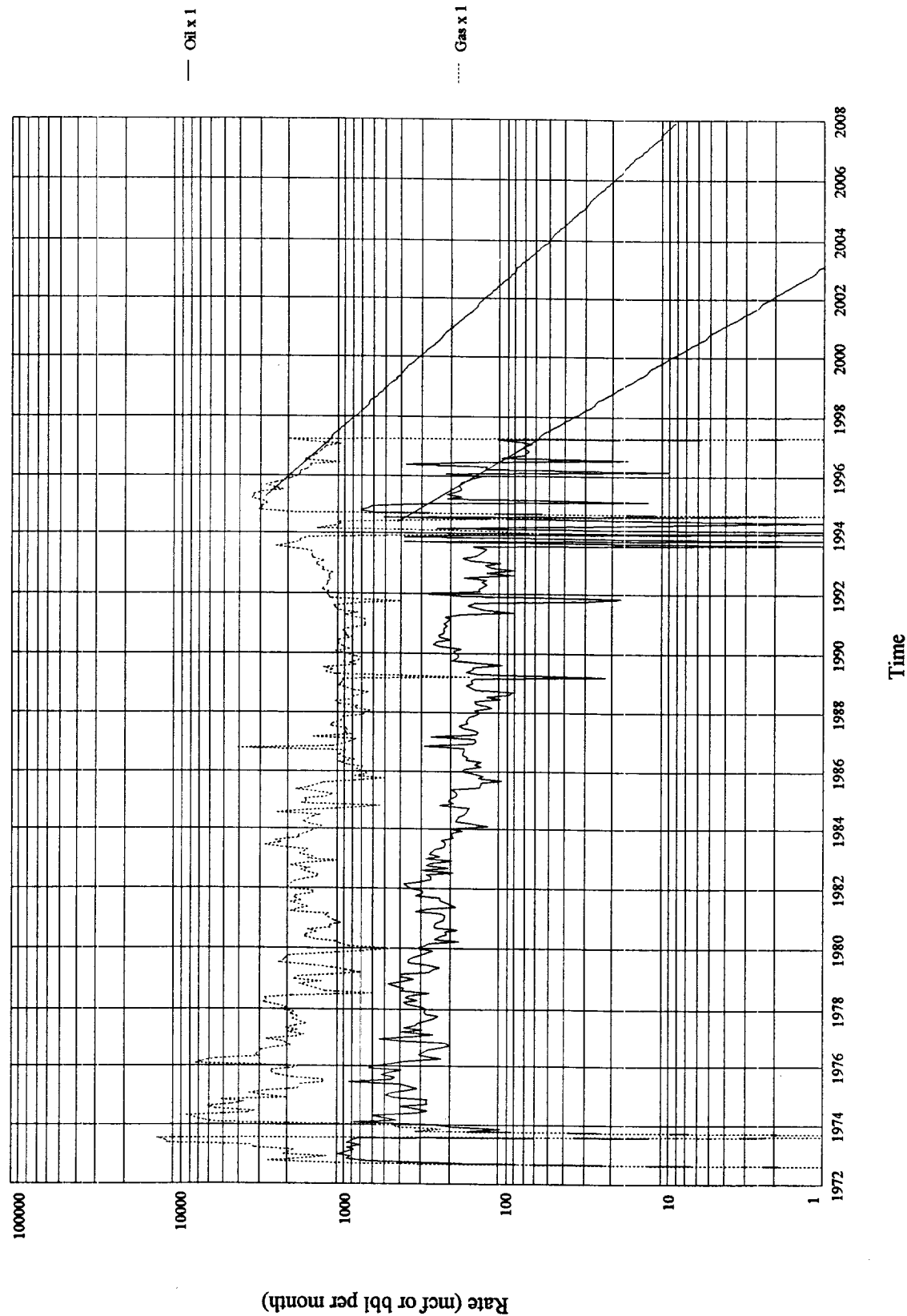
Rate/Time Graph

Date: 8/14/1997
Time: 1:55 PM

Lease Name: E. O. CARSON NO. 18 (0200001)
State, County: NM, LEA
Location: 28/21S/37E

Field Name: PADDOCK
Operator: TITAN RESOURCES I, INC.

E. O. CARSON NO. 18



TITAN RESOURCES I, INC.

PRODUCTION PROJECTION

Lease: E. O. Carson Well No. 18
Pool: 49210 Paddock

<u>Date</u>	<u>Oil, Bbls</u>	<u>Gas, Mcf</u>
May-97	54	1,038
Jun-97	51	999
Jul-97	48	962
Aug-97	46	926
Sep-97	43	891
Oct-97	41	857
Nov-97	38	825
Dec-97	36	794
Jan-98	34	764
Feb-98	32	735
Mar-98	30	708
Apr-98	29	681
May-98	27	656
Jun-98	25	631
Jul-98	24	607
Aug-98	23	584
Sep-98	21	562
Oct-98	20	541
Nov-98	19	521
Dec-98	18	501
Jan-99	17	482
Feb-99	16	464
Mar-99	15	447
Apr-99	14	430
May-99	13	414
Jun-99	13	398
Jul-99	12	383
Aug-99	11	369
Sep-99	11	355
Oct-99	10	342
Nov-99	9	329
Dec-99	9	316
Jan-00	8	305
Feb-00	8	293
Mar-00	7	282
Apr-00	7	271
May-00	7	261
Jun-00	6	251
Jul-00	6	242
Aug-00	6	233
Sep-00	5	224
Oct-00	5	216
Nov-00	5	208
Dec-00	4	200
Jan-01	4	192

TITAN RESOURCES I, INC.

PRODUCTION PROJECTION

Lease: E. O. Carson Well No. 18
Pool: 49210 Paddock

<u>Date</u>	<u>Oil, Bbls</u>	<u>Gas, Mcf</u>
Feb-01	4	185
Mar-01	4	178
Apr-01	4	171
May-01	3	165
Jun-01	3	159
Jul-01	3	153
Aug-01	3	147
Sep-01	3	141
Oct-01	2	136
Nov-01	2	131
Dec-01	2	126
Jan-02	2	121
Feb-02	2	117
Mar-02	2	112
Apr-02	2	108
May-02	2	104
Jun-02	2	100
Jul-02	1	96
Aug-02	1	93
Sep-02	1	89
Oct-02	1	86
Nov-02	1	83
Dec-02	1	80
Jan-03	1	77
Feb-03	1	74
Mar-03	1	71
Apr-03	1	68
May-03	1	66
Jun-03	1	63
Jul-03	1	61
Aug-03	1	59
Sep-03	1	56
Oct-03	1	54
Nov-03	1	52
Dec-03	1	50
Jan-04	1	48
Feb-04	0	47
Mar-04	0	45
Apr-04	0	43
May-04	0	41
Jun-04	0	40
Jul-04	0	38
Aug-04	0	37
Sep-04	0	36
Oct-04	0	34
Nov-04	0	33

TITAN RESOURCES I, INC.

PRODUCTION PROJECTION

Lease: E. O. Carson Well No. 18

Pool: 49210 Paddock

<u>Date</u>	<u>Oil, Bbls</u>	<u>Gas, Mcf</u>
Dec-04	0	32
Jan-05	0	31
Feb-05	0	29
Mar-05	0	28
Apr-05	0	27
May-05	0	26
Jun-05	0	25
Jul-05	0	24
Aug-05	0	23
Sep-05	0	22
Oct-05	0	22
Nov-05	0	21
Dec-05	0	20
Jan-06	0	19
Feb-06	0	19
Mar-06	0	18
Apr-06	0	17
May-06	0	17
Jun-06	0	16
Jul-06	0	15
Aug-06	0	15
Sep-06	0	14
Oct-06	0	14
Nov-06	0	13
Dec-06	0	13
Jan-07	0	12
Feb-07	0	12
Mar-07	0	11
Apr-07	0	11

Input Listing

Dwigths Id: 10250687249210
 Lease Name: E O CARSON NO. 18
 Lease Number: 020001
 Field Name: PADDOCK
 Operator: TITAN RESOURCES I, INC.
 State, County: NM, LEA
 Reservoir: PADDOCK
 Lease Status: ACTIVE
 Lease Type: OIL
 Reserve Type:
 First Prod Date: 9/1/72
 API Number: 30-025-06872
 Location: 28/21S/37E
 Quarter Quarter: SW/SW
 Offshore Block:
 User Data 1:
 User Data 2:
 User Data 3:
 User Data 4:
 User Data 5:
 User Data 6:

Project Parameters

Economic Effective Date: 05/1997

Escalate Economics: Yes

Well Counts:

Well Count	Start Date
1	05/1997

Division of Interest:

WI	NRI	Burden	ORI	Reversion Type	Reversion Value	Reversion Date
100.000000	87.500000	0.000000	0.000000	None	None	None

Prices:

	Price	BTU Content	Price Adjustment	Escalation Name
Oil:	18.00		0.0000	None
Gas:	1.85	1.0000	0.0000	None

Expenses:

Taxes:

	Amount	Escalation Name	Percent of Revenue	Dollars per Unit
Dollars/Month:	0.00	None		
Dollars/Well/Month:	1500.00	None		
Dollars/BBL Oil:	0.00	None		
Dollars/MCF Gas:	0.00	None		
Dollars/BBL Wtr:	0.00	None		
		Severance Tax		
		Oil:	7.0900	0.0000 / BBL
		Gas:	7.5400	0.0000 / MCF
		Ad Valorem Tax		
		Oil:	2.0000	0.0000 / BBL
		Gas:	2.0000	0.0000 / MCF

Investments:

	Amount	Type	Salvage
Initial:	0.00	Gross	0.00

Forecasts:

Curve	Type	Date	Rate	Decline	N Factor
Oil Segment 01	Exponential	06/1994 - 04/1997	429	50.2745	0.000000
Gas Segment 01	Exponential	04/1995 - 04/1997	2,760	36.8721	0.000000
Water Segment 01	Exponential	09/1972 - 01/1997	598	6.6281	0.000000

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

D. STRICT I
P.O. Box 1980, Hobbs, NM 88240

D. STRICT II
P.O. Drawer DD, Artesia, NM 88210

D. STRICT III
1630 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, 87505

WELL API NO.

30-025-06872

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL
WELL ☒

GAS
WELL ☐

OTHER

2. Name of Operator

Titan Resources I, Inc.

8. Well No.

18

3. Address of Operator

500 W. Texas, Suite 500, Midland, Texas 79701

9. Pool name or Wildcat

Paddock

4. Well Location

Unit Letter M : 660 Feet From The South Line and 760 Feet From The West Line

Section 28 Township 21S Range 37E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

3462' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒ ALTERING CASING ☒

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: Add Pay in U. Paddock & Acidize ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- 6-1-97 MIRU pulling unit. POOH with rods & pump.
6-4-97 POOH with tubing. Perforated Upper Paddock pay with 1 shot/ft from 5073' - 5099' (27 holes). RIH with retrievable bridge plug and packer on tubing. Set bridge plug at 5125' and set packer at 4975'. Acidized perforations 5073' - 5099' with 1500 gals 15% NEFe HCl. Released packer and retrieved bridge plug and POOH. RIH with 2 3/8" tubing for production.
6-5-97 RU swab and swabbed back load water.
6-6-97 Continued swabbing
6-7-97 " "
6-8-97 RIH with pump and rods and put on production.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Production Operations Manager

6/11/97

TITLE

DATE

TYPE OR PRINT NAME

Bruce Woodard

(915)498-8663

TELEPHONE NO.

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

D. STRICT I
P.O. Box 1980, Hobbs, NM 88240

D. STRICT II
P.O. Drawer DD, Artesia, NM 88210

D. STRICT III
1030 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, 87505

WELL API NO. 30-025-06872
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. ---

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	7. Lease Name or Unit Agreement Name E. O. Carson
2. Name of Operator Titan Resources I, Inc.	8. Well No. 18
3. Address of Operator 500 W. Texas, Suite 500, Midland, Texas 79701	9. Pool name or Wildcat Paddock
4. Well Location Unit Letter M : 660 Feet From The South Line and 760 Feet From The West Line Section 28 Township 21S Range 37E NMPM Lea County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3462' GR	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input checked="" type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input checked="" type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: Additional Pay in L. Paddock & Acidize <input checked="" type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

4-18-97 MIRU pulling unit. POOH with rods, pump and tubing. RIH with bit and clean-out bailer. Tagged fill at 5289'. (Perfs: 5285'-5295') RIH with fishing tool. Caught and retrieved 31' 2 3/8" tubing. (old junk in hole)

4-19-97 RIH with bit and clean-out bailer. Cleaned out to PBTD 5390'. POOH. RIH with packer and tubing. Set packer at 5173'.

4-20-97 Hot oiled tubing and swabbed back load oil.

4-22-97 Acidized perfs 5285' to 5295' with 1500 gals 15% NEFe HCl. Swabbed back load water.

4-23-97 POOH with tubing and packer. Ran GR-CNL-CCL.

4-24-97 Perforated additional Paddock pay with 1 shot/ft as follows: 5150' to 5156' (7 shots); 5171' to 5181' (11 shots); 5190' to 5200' (11 shots); 5223' to 5233' (11 shots). RIH with retrievable bridge plug and packer. Set bridge plug at 5260', set packer at 5049'. Acidized perfs 5150' to 5233' with 3000 gals 15% NEFe HCl. RU swab and swabbed back load water.

4-25-97 Swabbed back load water. Released packer and retrieved bridge plug and POOH. RIH with

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE Production Operations Manager DATE 6/11/97

TYPE OR PRINT NAME Bruce Woodard (915)498-8663 TELEPHONE NO.

(This space for State Use)
ORIGINAL SIGNED BY GUY W. LAMAR
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

tubing for production.

4-26-97 RIH with pump and rods and put on production.

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, 87505

WELL API NO.

30-025-06872

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
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(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL
WELL ☒

GAS
WELL ☐

OTHER

2. Name of Operator

Titan Resources I, Inc.

3. Address of Operator

500 W. Texas, Suite 500, Midland, Texas 79701

8. Well No.

18

9. Pool name or Wildcat

Paddock

4. Well Location

Unit Letter M : 660 Feet From The South Line and 760 Feet From The West Line

Section 28

Township 21 S

Range 37 E

NMPM

Lea

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

3462' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☒

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☒

OTHER: Perforated Upper Paddock & Acidize ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103. Perfs: 5150' to 5295'

1. MIRU pulling unit. POOH with rods, pump and tubing.
2. RIH with retrievable bridge plug. Set at 5130'.
3. Perforate Upper Paddock from 5073' to 5099' (27 holes).
4. Run tubing and packer and acidize with 2,000 gals 15% NeFe HCl.
5. Swab back and clean well up.
6. Release packer and retrieve bridge plug and POOH.
7. Run tubing, pump and rods and put on production.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Production Operations Manager

5/16/97

TITLE

DATE

TYPE OR PRINT NAME

Bruce Woodard

(915) 682-6612
TELEPHONE NO.

(This space for State Use)

MAY 29 1997

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: