

District I - (505) 393-6161

PO Box 1980

Hobbs, NM 88241-1980

District II - (505) 748-1283

811 S. First

Artesia, NM 88210

District III - (505) 334-6178

1000 Rio Brazos Road

Aztec, NM 87410

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-0340

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 CONSERVATION DIVISION.

- I. Operator: Texaco Exploration & Production Inc OGRID #: 022351
Address: 205 E. Bender Blvd.; Hobbs, New Mexico 88240
Contact Party: Paula S. Ives Phone #: (505) 397-0432
- II. Name of Well: West Dollarhide Drinkard Unit #125 API #: 30 025 31972
Location of Well: Unit Letter N, 1150 Feet from the South line and 1400 feet from the West line,
Section 33, Township 24S, Range 38E, NMPM, Lea County
- III. Date Workover Procedures Commenced: 03-03-97
Date Workover Procedures were Completed: 03-27-97
- IV. Attach a description of the Workover Procedures undertaken to increase the production from the Well.
- V. 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: Dollarhide Tubb Drinkard
- VII. AFFIDAVIT:

State of N. M.)
) ss.

County of Lea)

Russell S. Pool, being first duly sworn, upon oath states:

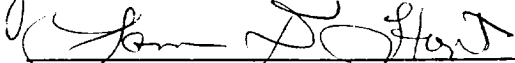
1. I am the Operator or authorized representative of the Operator of the above referenced Well.
2. I have made, or caused to be made, a diligent search of the production records which are reasonably available and contain information relevant to the production history of this Well.
Restoration Project.
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.

[Signature]
(Name)

Senior Engineer, Hobbs Operating Unit
(Title)

JUL 06 1997

mp

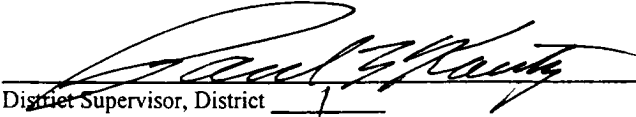
SUBSCRIBED AND SWORN TO before me this 25th day of June, 1997.

Notary Public Pam D. Hunt

My Commission expires: 9/13/97

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 3-27-97, 1997.


District Supervisor, District 1
Oil Conservation Division
Date: 7/9/97

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

Production Projection

Well Name & #:

West Dollarhide Drinkard Unit #125

Prior Oil Prod. Rate (BOPD):

31

Producing Formation:

Dollarhide Tubb Drinkard

Oil Decline Factor:

0.982593195

Oil Decline Rate (%):

19

Prior Gas Prod. Rate (MCFGD):

33

Gas Decline Rate (%):

55

Completion Date (m/yr):

Mar-97

Gas Decline Factor:

0.935623333

Month	Projected Oil Production	Projected Gas Production	Projected Cumulative Oil Production	Projected Cumulative Gas Production
Mar-97	942	1003	942	1003
Apr-97	926	939	1868	1942
May-97	910	878	2778	2820
Jun-97	894	822	3672	3642
Jul-97	878	769	4551	4410
Aug-97	863	719	5414	5130
Sep-97	848	673	6262	5803
Oct-97	833	630	7096	6432
Nov-97	819	589	7914	7021
Dec-97	805	551	8719	7573
Jan-98	791	516	9510	8088
Mar-98	777	483	10287	8571
Mar-98	763	451	11050	9022
Apr-98	750	422	11800	9445
May-98	737	395	12537	9840
Jun-98	724	370	13261	10210
Jul-98	712	346	13973	10555
Aug-98	699	324	14672	10879
Sep-98	687	303	15359	11182
Oct-98	675	283	16034	11465
Dec-98	663	265	16697	11730
Jan-99	652	248	17349	11978
Feb-99	640	232	17989	12211
Mar-99	629	217	18619	12428
Mar-99	618	203	19237	12631
Apr-99	608	190	19845	12821
May-99	597	178	20441	12999
Jun-99	587	166	21028	13165
Jul-99	576	156	21604	13321
Aug-99	566	146	22171	13466
Oct-99	556	136	22727	13603
Nov-99	547	128	23274	13730
Dec-99	537	119	23811	13850
Jan-00	528	112	24339	13961
Feb-00	519	104	24858	14066
Mar-00	510	98	25368	14163

Production Projection

Mar-00	501	91	25868	14255
Apr-00	492	86	26361	14340
May-00	492	86	26361	14340
Jun-00	484	80	26844	14420
Jul-00	475	75	27319	14495
Aug-00	467	70	27786	14565
Oct-00	459	66	28245	14631
Nov-00	451	61	28696	14692
Dec-00	443	57	29139	14749
Jan-01	435	54	29574	14803
Feb-01	428	50	30001	14853
Mar-01	420	47	30422	14900
Mar-01	413	44	30834	14944
Apr-01	406	41	31240	14985
May-01	406	41	31240	14985
Jul-01	399	38	31639	15024
Aug-01	392	36	32030	15060
Sep-01	385	34	32415	15094
Oct-01	378	32	32793	15125
Nov-01	372	29	33165	15155
Dec-01	365	28	33530	15182
Jan-02	359	26	33889	15208
Feb-02	353	24	34241	15232
Mar-02	346	23	34588	15255
Mar-02	340	21	34928	15276
May-02	334	20	35262	15296
Jun-02	334	20	35262	15296
Jul-02	329	19	35591	15314
Aug-02	323	17	35914	15332
Sep-02	317	16	36231	15348
Oct-02	312	15	36543	15363
Nov-02	306	14	36849	15377
Dec-02	301	13	37150	15390
Jan-03	296	12	37446	15403
Feb-03	291	12	37736	15414
Mar-03	286	11	38022	15425
Apr-03	281	10	38303	15435
May-03	276	10	38578	15445
Jun-03	271	9	38849	15454
Jul-03	266	8	39115	15462
Aug-03	262	8	39377	15470
Sep-03	257	7	39634	15477
Oct-03	253	7	39886	15484
Nov-03	248	6	40134	15491
Dec-03	244	6	40378	15496
Jan-04	240	6	40618	15502
Feb-04	235	5	40853	15507
Mar-04	231	5	41084	15512
Apr-04	227	5	41312	15517

Production Projection

May-04	223	4	41535	15521
Jun-04	219	4	41754	15525
Jul-04	216	4	41970	15529
Aug-04	212	4	42182	15532
Sep-04	208	3	42390	15536
Oct-04	205	3	42594	15539
Nov-04	201	3	42795	15542
Dec-04	197	3	42993	15544
Jan-05	194	3	43187	15547
Feb-05	191	2	43378	15549
Mar-05	187	2	43565	15551
Apr-05	184	2	43749	15553
May-05	181	2	43930	15555
Jun-05	178	2	44108	15557
Jul-05	175	2	44282	15559
Aug-05	172	2	44454	15560
Sep-05	169	1	44622	15562
Oct-05	166	1	44788	15563
Nov-05	163	1	44951	15564
Dec-05	160	1	45111	15566
Jan-06	157	1	45268	15567
Feb-06	154	1	45422	15568
Mar-06	152	1	45574	15569
Apr-06	149	1	45723	15570
May-06	147	1	45870	15571
Jun-06	144	1	46014	15571
Jul-06	141	1	46155	15572
Aug-06	139	1	46294	15573
Sep-06	137	1	46431	15574
Oct-06	134	1	46565	15574
Nov-06	132	1	46697	15575
Dec-06	130	1	46826	15575
Jan-07	127	1	46954	15575
Feb-07	125	1	47079	15575
Mar-07	123	2	47202	15575
Apr-07	121	1	47322	15575
May-07	119	1	47441	15575
Jun-07	117	1	47558	15575
Jul-07	115	1	47672	15575
Aug-07	113	1	47785	15575
Sep-07	111	1	47895	15575
Oct-07	109	1	48004	15575
Nov-07	107	1	48111	15575
Dec-07	105	1	48216	15575
Jan-08	103	1	48319	15575
Feb-08	101	1	48420	15575
Mar-08	100	1	48520	15575
Apr-08	98	1	48618	15575
May-08	96	1	48714	15575

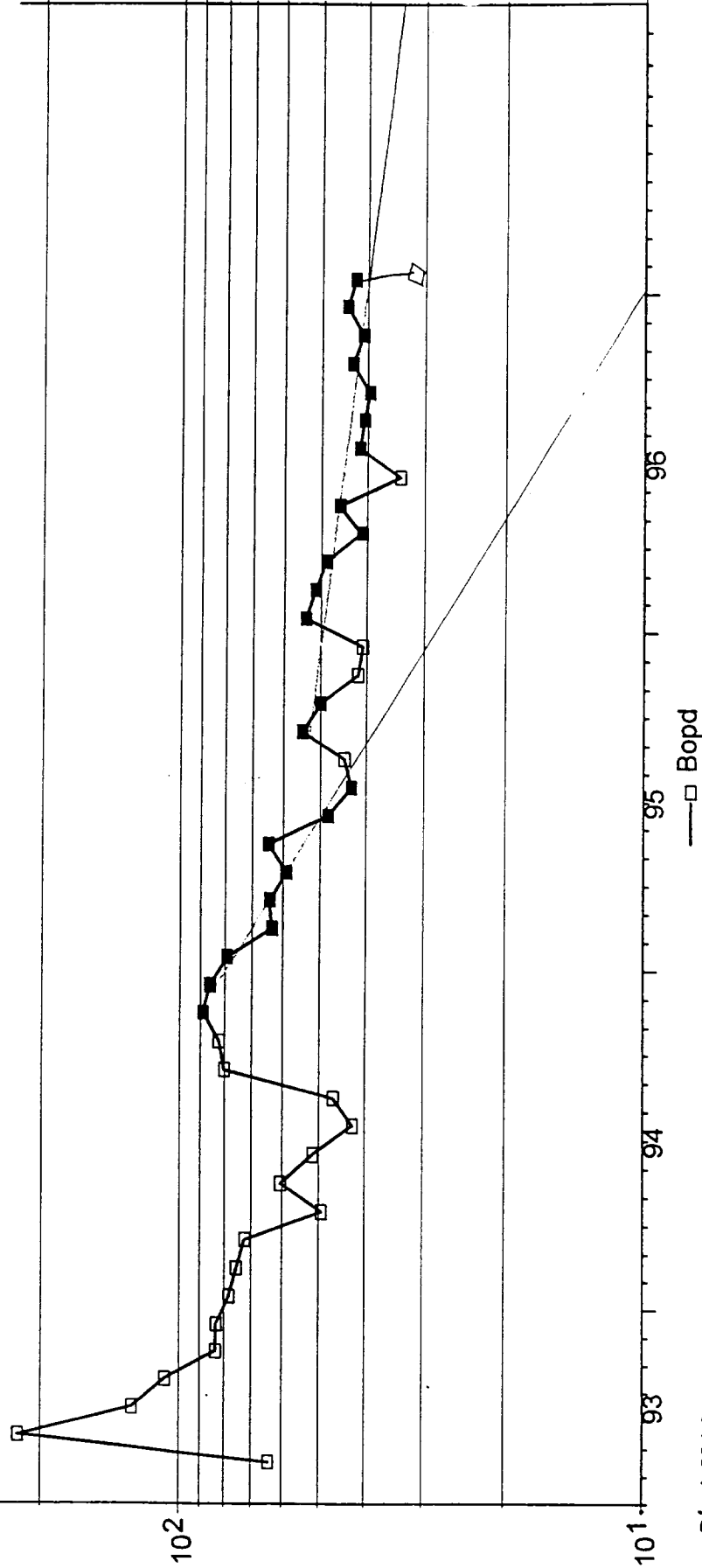
Production Projection

Jun-08	94	48808	15575
Jul-08	93	48901	15575
Aug-08	91	48992	15575
Sep-08	90	49082	15575
Oct-08	88	49170	15575
Nov-08	87	49256	15575
Dec-08	85	49341	15575
Jan-09	84	49425	15575
Feb-09	82	49507	15575
Mar-09	81	49588	15575
Apr-09	79	49667	15575
May-09	78	49745	15575
Jun-09	77	49821	15575
Jul-09	75	49896	15575
Aug-09	74	49970	15575
Sep-09	73	50043	15575
Oct-09	71	50114	15575
Nov-09	70	50184	15575
Dec-09	69	50253	15575
Jan-10	68	50321	15575
Feb-10	66	50387	15575
Mar-10	65	50453	15575
Apr-10	64	50517	15575
May-10	63	50580	15575
Jun-10	62	50642	15575
Jul-10	61	50703	15575
Aug-10	60	50762	15575
Sep-10	59	50821	15575
Oct-10	58	50879	15575
Nov-10	57	50936	15575
Dec-10	56	50992	15575
Jan-11	55	51046	15575
Feb-11	54	51100	15575
Mar-11	53	51153	15575
Apr-11	52	51205	15575
May-11	51	51256	15575
Jun-11	50	51306	15575

WDDU #125: OIL Severance Credit

Well: 125 ID: 3002531972 Type: OIL Monthly

POP Acidize	ROD New RS:	PMP SVC
Abo, Frac	EL w/	stripped
Tubb/Drk	S.B.'s,	out-CORR,
w/ 34M#	3*TH793	Stripped
20/40	under pkr	well
PMP B&S wear		



Cum stream: Bopd, 224.3

Fit Decline, 1/yr:

Forecast Decline, 1/yr:

Begin Date, Rate:

End Date, Rate, Yrs:

Cum at Begin, Diff:

Remaining, Diff:

Total Reserves, Diff:

Exp, 1.03

Exp, 1.03

19950701, 45.90

20010605, 0.10, 5.93

42.94

16186.87

16229.81

Exp, 0.21

Exp, 0.21

19970101, 39.86

20070101, 4.78, 10.00

42.55, -0.39

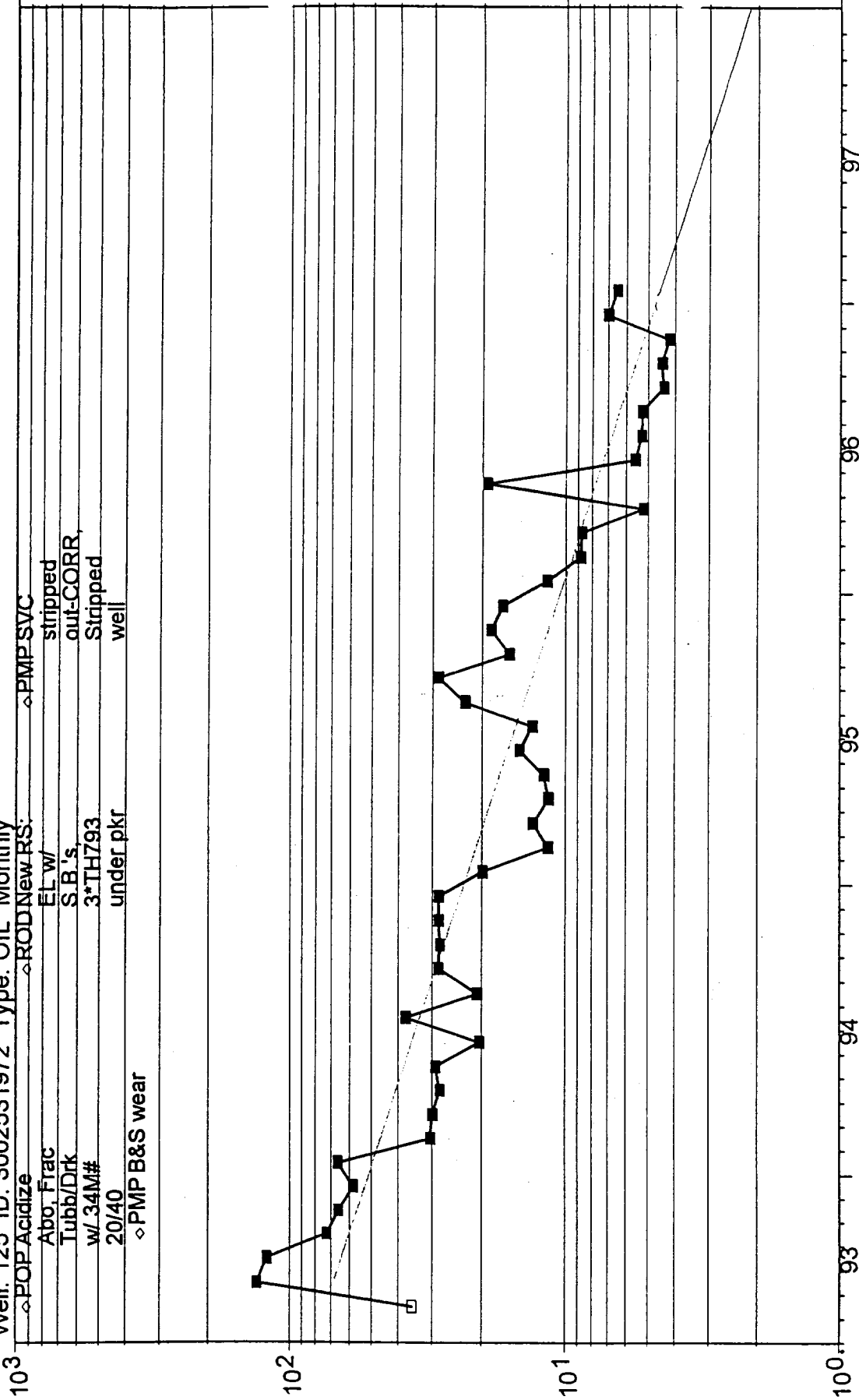
60404.31, 44217.44

60446.86, 44217.05

$D_e = 19\%/yr$ e 31 Bopd 2/97

WDDU #125: GAS Severance Credit

Well: 125 ID: 3002531972 Type: OIL Monthly
 POP Acidize ROD New RS: EL w/ S B's 3*TH793 under pkr
 Abo, Frac Tubb/Drk w/ 34M# 20/40 PMP B&S wear
 PMP SVC stripped out-CORR, Stripped well



Cum stream: Mcfpd, 131.6
 Fit Decline, 1/yr: Exp, 0.79
 Forecast Decline, 1/yr: Exp, 0.79
 Begin Date, Rate: 19970101, 4.57
 End Date, Rate, Yrs: 20011026, 0.10, 4.82
 Cum at Begin: 6.52
 Remaining: 2058.94
 Total Reserves: 2065.46

—□ Mcfpd

De = 55%/yr. @ 5mcfpd 1/97

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.	30 025 31972
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil / Gas Lease No.	B-9613
7. Lease Name or Unit Agreement Name	WEST DOLLARHIDE DRINKARD UNIT
8. Well No.	125
9. Pool Name or Wildcat	DOLLARHIDE; TUBB-DRINKARD
10. Elevation (Show whether DF, RKB, RT,GR, etc.)	GR-3169', KB-3182'

SUNDRY NOTICES AND REPORTS ON WELL (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	TEXACO EXPLORATION & PRODUCTION INC.
3. Address of Operator	205 E. Bender, HOBBS, NM 88240
4. Well Location Unit Letter <u>N</u> : <u>1150</u> Feet From The <u>SOUTH</u> Line and <u>1400</u> Feet From The <u>WEST</u> Line Section <u>33</u> Township <u>24-S</u> Range <u>38-E</u> NMPM <u>LEA</u> COUNTY	
10. Elevation (Show whether DF, RKB, RT,GR, etc.)	

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 OPERATION ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☒ Perf Tubb, PB LAbo, Acid Tubb, Drink, UAb

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.

03-03-97: MIRU. Pull rods & pump. Shut in.
03-04-97: Install BOP. Ran bit & casing scrapper to 7100'. Pull out of hole. Shut in.
03-05-97: Set CIBP @7005'. Dumped 35' cement 7005' to 6970' (NEW PBTD). Perforated casing w/2 JSPF 6274'-6318', Tubb Zone, (88-0.52" holes). Ran RBP & packer & tested in, at 5000 psi. Set RBP @6930'. Set packer @6184'. Pressure annulas to 1000 psi-Held. Shut in.
03-10-96: Rig up Coil Tubing Unit. Acidized casing perfs, Tubb Zone 6274'-6318', Drinkard Zone 6498'-6587', & Upper Abo Zone 6740'-6915', w/10,000 gal 15% NE-FE using N2 foam as diverter. Max pres=4531 psi. Min pres=3364 psi. ISIP=2059 psi. Avg rate=1.2 BPM.
03-11-97: Flowed back. Recovered 44 Oil & 72 Water. Release packer. Release RBP. Unable to reset RBP.
03-12-97: Killed well. Still unable to reset RBP. POH. Ran RBP & packer. Set RBP @6610'. Reset packer @6475'. Swab 4 hrs. Recovered 16 Oil, 66 Water, & Good Gas. Scale Squeezed Drinkard Zone w/10 gal TW430 mixed in 20 bbls produced water, 2 drums Techni-Hib 793 mixed in 20 bbls produced water, & 10 gal TW 467 mixed in 200 bbls produced water. Shut in.
03-13-97: ITP=200#, Bled off. Release PKR & TOH. Release RBP & TOH. SDFN.
03-14-97: Bled down. POH. Ran production equipment. Remove BOP. Land bottom of MA @6942' w/SN. Ran pump and rods. Rig down. On production at 5:00 pm. Pumping & testing.
03-15-97 thru 03-26-97: Pumping & testing.
03-27-97: On 24 hour POTENTIAL TEST ending 10:00 am. Pumped 24:00 hrs. Recovered 170 Bbls Oil, 70 Bbls Water, & 70 mcf Gas.

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

SIGNATURE Paula S. Ives TITLE Engineering Assistant DATE 5/16/97
TYPE OR PRINT NAME Paula S. Ives Telephone No. 397-0432

(This space for State Use)

APPROVED BY Paula S. Ives TITLE Geologist DATE MAY 21 1997
CONDITIONS OF APPROVAL, IF ANY: