

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

1050 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

4-DEC-95

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: PO Box 730; Hobbs, NM 88240
- Contact Party: Darrell J. Carriger Phone #: (505) 397-0426
- II. Name of Well: Cooper Jal Unit #115 API #: 30 025 09566
- Location of Well: Unit Letter P, 990 Feet from the South line and 990 feet from the East line,
Section 13, Township 24S, Range 36E, NMPM, Lea County
- III. Date Workover Procedures Commenced: 6/26/95
- Date Workover Procedures were Completed: 8/17/95
- IV. Attach a description of the Workover Procedures undertaken to increase the projection 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: Jalmat
- VII. AFFIDAVIT:

State of New Mexico)
) 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.

RSPal
(Name)

Hobbs Operating Unit Senior Engineer
(Title)

SUBSCRIBED AND SWORN TO before me this 15th day of Dec, 1995
Pam D. Hunt
Notary Public Pam D. Hunt

My Commission expires: 9/13/97

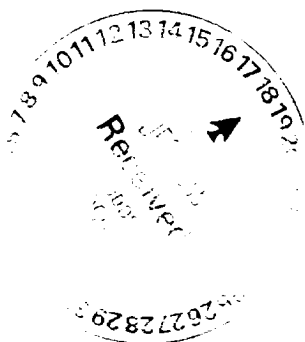
FOR OIL CONSERVATION DIVISION USE ONLY:

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 _____, 19____.

[Signature]
District Supervisor, District _____
Oil Conservation Division **DISTRICT 1 SUPERVISOR**
Date: 2-12-95

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



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 09566
5. Indicate Type of Lease	STATE ☐ FEE ☒
6. State Oil / Gas Lease No.	
7. Lease Name or Unit Agreement Name	COOPER JAL UNIT
8. Well No.	115
9. Pool Name or Wildcat	JALMAT TANSILL YATES SEVEN RIVERS
10. Elevation (Show whether DF, RKB, RT,GR, etc.)	

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
P.O. BOX 730, HOBBS, NM 88240

4. Well Location
Unit Letter P : 990 Feet From The SOUTH Line and 990 Feet From The EAST Line
Section 13 Township 24S Range 36E NMPM LEA 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: ☐

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.

6/26/95: MIRU. TOH with production equipment. Install BOP. TIH with RBP and packer and set @ 3000' and 2995' respectively. Tested back side to 2300 psi. TOH with tubing and packer.
6/27/95: Released RBP and TOH. Set CIBP @ 3200' and cap with 20' cement. Perforated casing with 4 jsfp on interval 3100'-3120' (80 holes).
6/28/95: TIH with packer and set @ 2921'. Acid treated perforations with 2100g 15% NEFE acid + 120 ball sealers (AIR=88BPM, Pmax=1050 psi, ISIP= 520psi). Fracture stimulated perforations with 53836g 2% KCL water and gel + 224160# 12/20 sand. (Pmax=3270 psi, Pmin=2421 psi, AIR=40 BPM, ISIP=1094 psi).
6/29/95: Released packer and TOH. Cleaned out sand.
7/1/95: TIH with production equipment.

7/3/95-8/10/95: Returned to production and placed on test.

8/17/95: OPT test: 42 BO, 75 BW, 11 MCF (pumping, 24 hours)

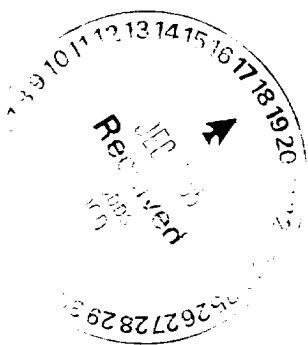
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Darrell J. Carriger TITLE Engineering Assistant DATE 10/19/95

TYPE OR PRINT NAME Darrell J. Carriger Telephone No. 397-0426

(This space for State Use)

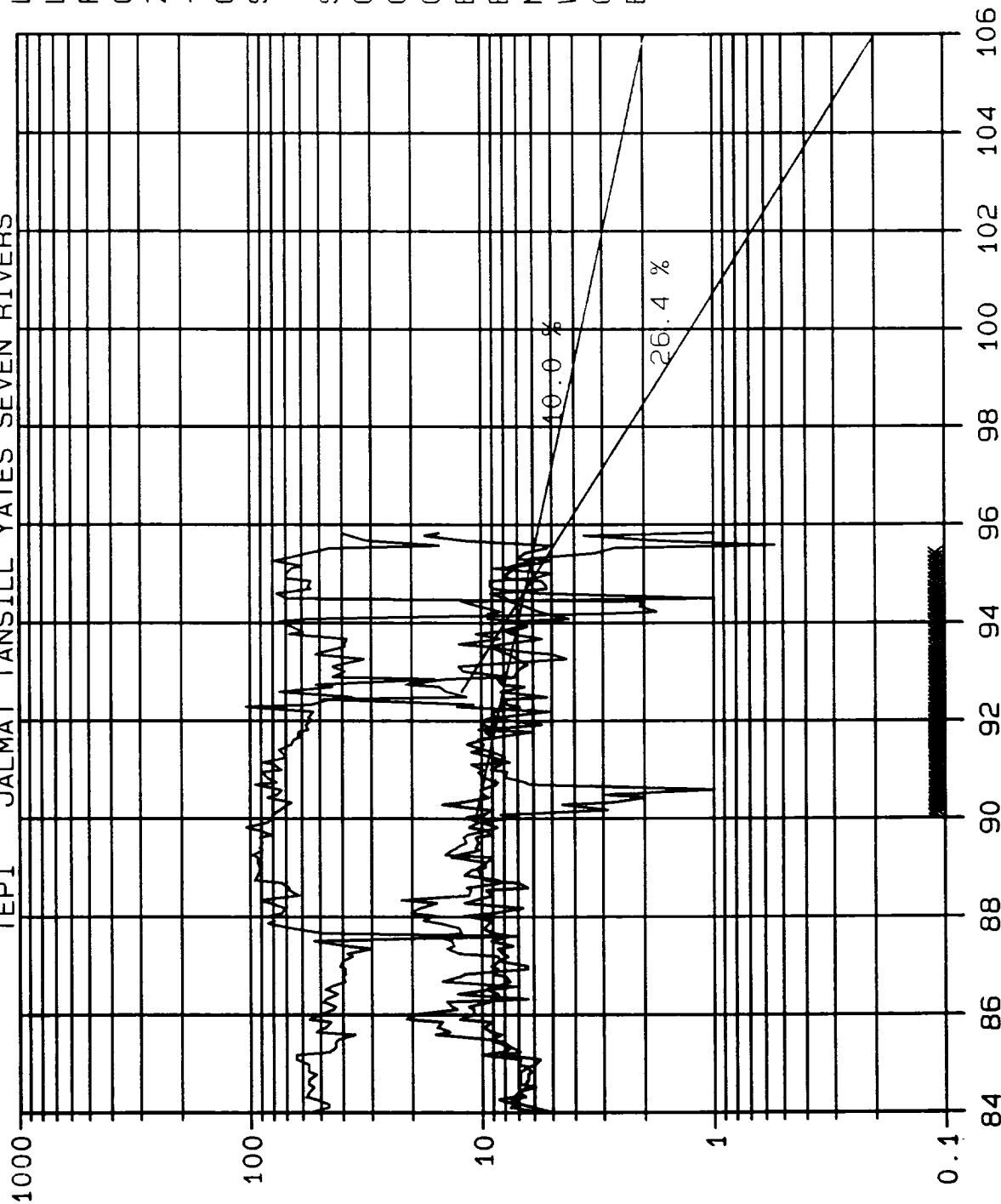
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____



COOPER JAL UNIT 115 ~~JALMAT TANSILL~~ YATES SEVEN RIVERS

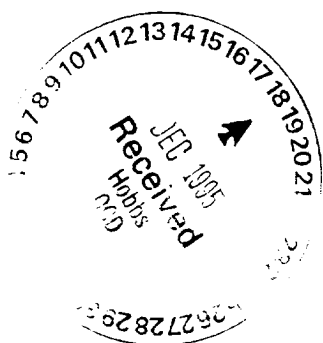
TEPI JALMAT TANSILL YATES SEVEN RIVERS

LEASE DATA
 LSE 010917
 FLD 33820
 OPER TEPI
 ZONE 33820
 --
 COUNTY 25
 STATE 30
 STATUS 10-95
 CO 60 MBO
 CG 76 MCF
 CW 389 MBW
 BOPD 15
 BWPD 40
 MCFPD 0
 WELLS 1
 CI 0 MBWI
 BWIPD 0



BOPD
 BWPD
 MCFPD

YEARS



Production Projection

Well Name & #:

Cooper Jal Unit #115

Current Oil Prod. Rate (BOPD):

17

Producing Formation:

Oil Decline Rate (%):

Jalmat

Oil Decline Factor:

10

0.991258389

Gas - Oil Ratio:

26.4

Current Gas Prod. Rate (MCFGD):

17

Gas Decline Rate (%):

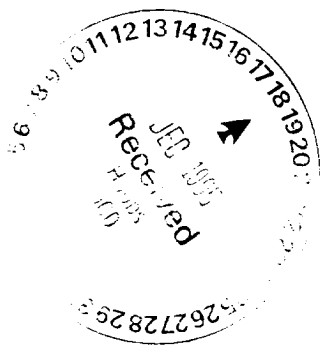
Aug-95

Gas Decline Factor:

0.974779719

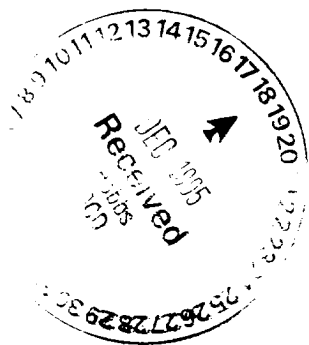
Completion Date (m/yr):

Month	Projected Oil Production	Projected Gas Production	Projected Cumulative Oil Production	Projected Cumulative Gas Production
Aug-95	517	517	517	517
Sep-95	512	504	1029	1021
Oct-95	508	491	1537	1512
Nov-95	503	479	2040	1990
Dec-95	499	467	2539	2457
Jan-96	495	455	3034	2912
Feb-96	490	443	3524	3355
Mar-96	486	432	4010	3787
Apr-96	482	421	4492	4209
May-96	478	411	4969	4619
Jun-96	473	400	5443	5020
Jul-96	469	390	5912	5410
Aug-96	465	380	6377	5790
Sep-96	461	371	6838	6161
Oct-96	457	361	7295	6522
Nov-96	453	352	7748	6875
Dec-96	449	343	8197	7218
Jan-97	445	335	8642	7553
Feb-97	441	326	9084	7879
Mar-97	437	318	9521	8197
Apr-97	434	310	9955	8507
May-97	430	302	10384	8809
Jun-97	426	295	10810	9104
Jul-97	422	287	11233	9391
Aug-97	419	280	11651	9671
Sep-97	415	273	12066	9944
Oct-97	411	266	12478	10210
Nov-97	408	259	12885	10469
Dec-97	404	253	13289	10722
Jan-98	401	246	13690	10969
Feb-98	397	240	14087	11209
Mar-98	394	234	14481	11443
Apr-98	390	228	14871	11671
May-98	387	222	15258	11894
Jun-98	383	217	15641	12110



Production Projection

Jul-98	380	211	16021	12322
Jul-98	377	206	16398	12528
Aug-98	373	201	16772	12729
Oct-98	370	196	17142	12924
Nov-98	367	191	17509	13115
Dec-98	364	186	17872	13301
Jan-99	361	181	18233	13483
Feb-99	357	177	18590	13659
Mar-99	354	172	18945	13832
Apr-99	351	168	19296	14000
May-99	348	164	19644	14163
Jun-99	345	160	19989	14323
Jul-99	342	156	20331	14479
Jul-99	339	152	20670	14630
Aug-99	336	148	21006	14778
Oct-99	333	144	21340	14922
Nov-99	330	140	21670	15063
Dec-99	327	137	21997	15199
Jan-00	325	133	22322	15333
Feb-00	322	130	22643	15463
Mar-00	319	127	22962	15590
Apr-00	316	124	23278	15713
May-00	313	121	23592	15834
Jun-00	311	117	23902	15951
Jul-00	308	114	24210	16066
Jul-00	305	112	24515	16178
Aug-00	302	109	24818	16286
Sep-00	300	106	25118	16392
Oct-00	297	103	25415	16496
Dec-00	295	101	25709	16597
Jan-01	292	98	26001	16695
Feb-01	290	96	26291	16791
Mar-01	287	93	26578	16884
Apr-01	284	91	26862	16975
May-01	282	89	27144	17064
Jun-01	280	86	27424	17150
Jul-01	277	84	27701	17234
Jul-01	275	82	27976	17316
Aug-01	272	80	28248	17397
Sep-01	270	78	28518	17475
Oct-01	268	76	28785	17551
Dec-01	265	74	29050	17625
Jan-02	263	72	29313	17697
Feb-02	261	70	29574	17768
Mar-02	258	69	29832	17836
Apr-02	256	67	30088	17903
May-02	254	65	30342	17969
Jun-02	252	64	30593	18032



Production Projection

Jul-02	249	62	30843	18094
Jul-02	247	60	31090	18155
Aug-02	245	59	31335	18214
Sep-02	243	57	31578	18271
Oct-02	241	56	31819	18327
Dec-02	239	55	32057	18382
Jan-03	237	53	32294	18435
Feb-03	234	52	32528	18487
Mar-03	232	51	32761	18537
Apr-03	230	49	32991	18587
May-03	228	48	33220	18635
Jun-03	226	47	33446	18681
Jul-03	224	46	33671	18727
Jul-03	222	44	33893	18772
Aug-03	221	43	34114	18815
Sep-03	219	42	34332	18857
Oct-03	217	41	34549	18898
Dec-03	215	40	34764	18939
Jan-04	213	39	34976	18978
Feb-04	211	38	35188	19016
Mar-04	209	37	35397	19053
Apr-04	207	36	35604	19089
May-04	206	35	35810	19125
Jun-04	204	34	36013	19159
Jul-04	202	34	36215	19193
Jul-04	200	33	36416	19226
Aug-04	198	32	36614	19258
Sep-04	197	31	36811	19289
Oct-04	195	30	37006	19319
Nov-04	193	30	37199	19349
Dec-04	192	29	37391	19377
Jan-05	190	28	37581	19405
Mar-05	188	27	37769	19433
Apr-05	187	27	37956	19460
May-05	185	26	38141	19486
Jun-05	183	25	38324	19511
Jul-05	182	25	38506	19536
Jul-05	180	24	38686	19560
Aug-05	179	23	38865	19583

