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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

K-0440

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: Mike Quintana Phone #: (505) 397-0451

II. Name of Well: Cooper Jal Unit #408 API #: 30 025 32856

Location of Well: Unit Letter P, 1250' Feet from the South line and 200' Feet from the East line,
Section 13, Township 24S, Range 36E, NMPM, Lea County

III. Date Workover Procedures Commenced: 08/03/97

Date Workover Procedures were Completed: 08/06/97

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: Langlie Mattix /Jalmat

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.

(Name)

Senior Engineer Hobbs Operating Unit

(Title)

Cooper Jal Unit # 408

SUBSCRIBED AND SWORN TO before me this 18 day of February, 1998.

John Ayers
Notary Public John Ayers

My Commission expires: 2/29/2000

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 08-6-97, 1997.

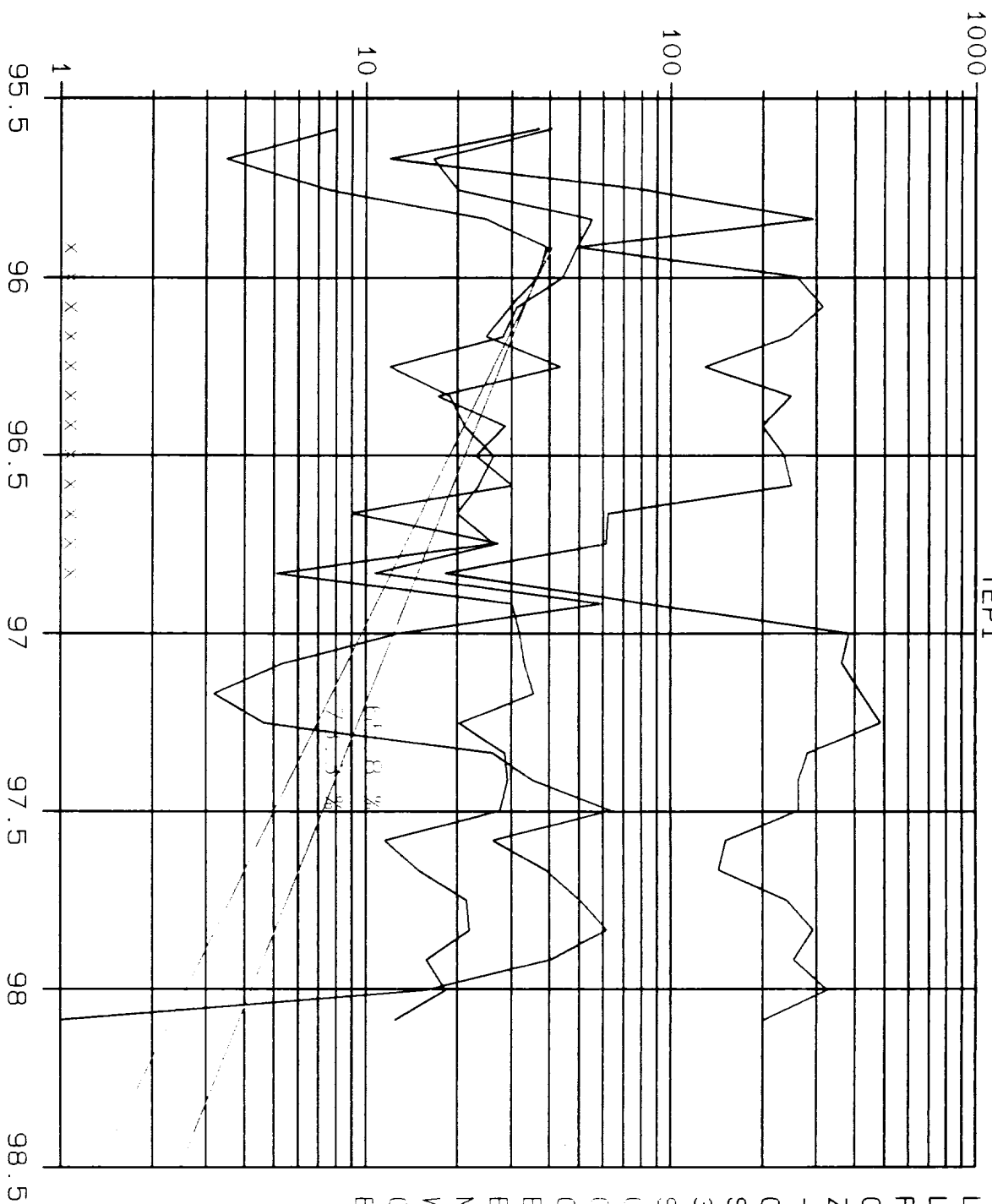
Paul F. Smith
District Supervisor, District 1
Oil Conservation Division

Date: 2/26/98

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

COOPER JAL UNIT 408

TEPI



BOPD BWPD MCF

YEARS

LEASE DATA
 LSE
 FLD
 OPER TEPI
 ZONE
 --
 COUNTY 025
 STATE 30
 30025328560002
 STATUS 1-98
 CO 24 MBU
 CO 25 MNCI
 CW 201 MBW
 BOPD 13
 BWPD 203
 MCFPD 0
 WELLS 1
 CI 0 MBWI
 BWIPD 0

Production Projection

Well Name & #:		Cooper Jal Unit #408		Prior Oil Prod. Rate (BOPD):		16	
Producing Formation:		Langlie Mattix / Jalmat		Oil Decline Factor:		0.914468697	
Oil Decline Rate (%):		66		Prior Gas Prod. Rate (MCFGD):		9	
Gas Decline Rate (%):		73		Gas Decline Factor:		0.895796319	
Completion Date (m/yr):		Dec-97					
Month	Projected Oil Production	Projected Gas Production	Projected Cumulative Oil Production	Projected Cumulative Gas Production			
Dec-97	486	274	486	274			
Jan-98	445	245	931	519			
Feb-98	407	220	1338	738			
Mar-98	372	197	1710	935			
Apr-98	340	176	2050	1111			
May-98	311	158	2361	1269			
Jun-98	284	141	2646	1410			
Jul-98	260	127	2906	1537			
Aug-98	238	113	3144	1650			
Sep-98	218	102	3361	1752			
Oct-98	199	91	3560	1843			
Nov-98	182	82	3742	1925			
Dec-98	166	73	3908	1998			
Jan-99	152	65	4060	2063			
Feb-99	139	59	4199	2122			
Mar-99	127	53	4327	2174			
Apr-99	116	47	4443	2221			
May-99	106	42	4549	2263			
Jun-99	97	38	4647	2301			
Jul-99	89	34	4736	2335			
Aug-99	81	30	4817	2365			
Sep-99	74	27	4891	2392			
Oct-99	68	24	4959	2417			
Nov-99	62	22	5022	2438			
Dec-99	57	20	5079	2458			
Jan-00	52	17	5131	2475			
Feb-00	48	16	5178	2491			
Mar-00	44	14	5222	2505			
Apr-00	40	13	5261	2518			
May-00	36	11	5298	2529			
Jun-00	33	10	5331	2539			
Jul-00	30	9	5362	2548			
Aug-00	28	8	5389	2556			
Sep-00	25	7	5415	2563			
Oct-00	23	6	5438	2570			
Nov-00	21	6	5459	2576			
Dec-00	19	5	5479	2581			

Production Projection

Jan-01	18	5	5497	2586
Feb-01	18	5	5497	2586
Mar-01	16	4	5513	2590
Apr-01	15	4	5528	2593
May-01	14	3	5541	2597
Jun-01	12	3	5554	2600
Jul-01	11	3	5565	2602
Aug-01	10	2	5576	2605
Sep-01	10	2	5585	2607
Oct-01	9	2	5594	2609
Nov-01	8	2	5602	2611
Dec-01	7	2	5609	2612
Jan-02	7	1	5616	2614
Feb-02	7	1	5616	2614
Mar-02	6	1	5622	2615
Apr-02	6	1	5627	2616
May-02	5	1	5632	2617
Jun-02	5	1	5637	2618
Jul-02	4	1	5641	2619
Aug-02	4	1	5645	2619
Sep-02	4	1	5649	2620
Oct-02	3	1	5652	2621
Nov-02	3	1	5655	2621
Dec-02	3	0	5658	2622
Jan-03	2	0	5660	2622
Feb-03	2	0	5660	2622
Mar-03	2	0	5662	2622
Apr-03	2	0	5665	2623
May-03	2	0	5666	2623
Jun-03	2	0	5668	2623
Jul-03	3	0	5670	2624
Aug-03	1	0	5671	2624
Sep-03	1	0	5673	2624
Oct-03	1	0	5674	2624
Nov-03	1	0	5675	2624
Dec-03	1	0	5676	2624
Jan-04	1	0	5677	2625
Feb-04	1	0	5678	2625
Mar-04	1	0	5678	2625
Apr-04	1	0	5679	2625
May-04	1	0	5680	2625
Jun-04	1	0	5680	2625
Jul-04	1	0	5681	2625
Aug-04	0	0	5681	2625
Sep-04	0	0	5682	2625
Oct-04	0	0	5682	2625
Nov-04	0	0	5683	2625
Dec-04	0	0	5683	2625
Jan-05	0	0	5683	2625

**TEXACO EXPLORATION AND PRODUCTION INC
WORKOVER PROGRESS AND SUMMARY REPORT**

Operator: TEPI Lease/Well# Cooper Jal Unit #408
 Lease Type: Federal State Fee x Lease# API# 3001311856
 Well Type: Oil x Gas Service FRS ID #: 33300006180047
 Field Langlie Mattix and Jalmat County Lee NM
 Workover Purpose Cleanout and replace cpigs Start Date 8/3/97
 TD or Surf Intm Prod
 PBTB 3390 Csg @ Csg @ Csg 5.5 @ 3786
 IDC Est. No. 67080068 Rig Days: 3 Appropriation:
 EXP Est. No. 67080068 Est 3 Cash \$ 8895
 EQP Est. No. 67080068 Act 4 MOH \$ 8895
 TOTAL \$ 8895
 Prepared By: Denise Wann Approved By: Tom Sebastian

Comments

KDB=12' PBTB@_3390 Production Casing: 5.5" 15.5# @ 3786'

CURRENT ZONE & PERFS: Langlie Mattix 3478-3492 Jalmat 3146-3296

CURRENT STATUS: pumping

----- FINAL REPORT -----

Rig Down Date 8/6/97 Field Estimated 100% Cost: \$
 Test @ Completion: ^{Rim} OPT Date 10/20/97 Status pump BC 20 BW 250 FID 27 - 29.1m
 GOR API Grav @60 CK /64 TP Pmp Dia. 1.75 SPM/LS / 144
 Perfs: Top 3046 Btm 3296 Zone Name Langlie Mattix and Jalmat
 Test Prior: Status pumping BO 16 Water 177 MCFT 9 Ck TP
 PO31 Status Change: From WO to Pumping

GAS FLOW SCHEMATIC CHANGE NEEDED: YES NO x

PRODUCTION INCREASE of

30 DAY AFTER PRODUCTION INCREASE of

-----WORK PERFORMED SUMMARY-----

----- DAILY WORKOVER REPORT -----

8/3/97 MIRU Dawson Production Services. Unseat pump and poh w/pump and rods. NU BOP. Tagged down for fill at 3335. SION

8/4/97 Toh w/tbg. Tih w/bit and bailer. Clean out fill from 3335 to 3384. Toh w/bit and bailer. Tih w/production tbg and SION.

8/5/97 ND BOP. Tih w/pump and rods. Ran 1 3/4" close tolerance pump. Changed out all 3/4 and 7/8 boxes and 17 1" boxes. Land well and space out. Place on pump

8/6/97 Well pumping good. Rig down

TESTS:

8/16/97 24 hr test 16 bo, 119 bw, 9 mcf