

PO Box 1980

Energy Minerals and Natural Resources Department

Originated 11/1/95

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

Oil Conservation Division

2040 South Pacheco Street

Santa Fe, New Mexico 87505

(505) 827-7131

Submit Original

Plus 2 Copies

to appropriate

District Office

**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 #: 131994

Address: 3300 N. Butler, Ste. 100, Farmington, New Mexico 87401

Contact Party: Mark Reinhold Phone #: (505) 325-4397 ex. 19

II. Name of Well: Lydia Rentz # 9 API #: 30-039-25316

Location of Well: Unit Letter: N, 990 feet from the South line and 1650 feet from the West line,
Section 20, Township 25N, Range 3W, NMPM, Rio Arriba County

III. Date Workover Procedures Commenced: 6/18/96

Date Workover Procedures were Completed: 6/22/96

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: Lindrieth Gallup - Dakota, West

VII. AFFIDAVIT:

State of New Mexico)

) ss.

County of San Juan)

Rached Hindi, 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.

Rached Hindi
(Name)

Senior Engineer - Farmington Operating Unit
(Title)

RECEIVED
AUG 15 1996
OIL CON. DIV.
DIST. 3

SUBSCRIBED AND SWORN TO before me this 13 day of August 19 96

Walter Sumner
Notary Public

My Commission expires: 4-1-2000

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 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 6/22 19 96.

31.8
District Supervisor, District 3
Oil Conservation Division

Date: 9/11/96

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well: ☐ OIL WELL ☒ GAS WELL ☐ OTHER
2. Name of Operator
FOUR STAR OIL AND GAS COMPANY
3. Address and Telephone No.
3300 N. Butler Ave., Suite 100 Farmington NM 87401 325-4397
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit Letter N : 990 Feet From The SOUTH Line and 1650 Feet From The
WEST Line Section 20 Township T25N Range R03W

5. Lease Designation and Serial No.

SF-079601

6. If Indian, Alottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and Number

LYDIA RENTZ

9

9. API Well No.

3003925316

10. Field and Pool, Exploratory Area
LINDRITH GALLUP - DAKOTA, WEST

11. County or Parish, State

RIO ARRIBA, NM

12. Check Appropriate Box(s) To Indicate Nature of Notice, Report, or Other Data

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ OTHER: _____
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

FOUR STAR OIL & GAS HAS COMPLETED THE FOLLOWING ON THE SUBJECT WELL:

6/19/96 - NDWHD, NU BOP. RU SCHLUMBERGER, SET RBP @ 7970'. PERF GREENHORN FM. AT 7928' - 7933', 4 SPF. TESTED RBP. SET PACKER AT 7815'. SPOT 3 BBL. 15% HCl ACROSS GREENHORN PERFS. PULL PACKER UP TO 7815' AND SET. TREAT GREENHORN PERFS WITH 4000 GALS 15% HCl. SET RBP AT @ 7915'. SPOT 1 SACK SAND ON RBP. PERF LOWER MANCOS @ 7857' - 7862', 7872' - 7883'. 4 SPF. SPOT 250 GALS. 15% HCl ACROSS MANCOS PERFS. PULL PACKER UPHOLE AND SET AT 7721'. FOAM FRAC TREATMENT SCREENED OUT WITH 11,650 LBS. 20/40 OTTAWA SAND IN FORMATION. CLEAN UP WELL. PUT BACK ON PRODUCTION WITH EXISTING GALLUP/DAKOTA, MESA VERDE PRODUCTION.

14. I hereby certify that the foregoing is true and correct

SIGNATURE Rached Hudi B... TITLE Operating Unit Manager

DATE 7/10/96

TYPE OR PRINT NAME Ted A. Tipton

(This space for Federal or State office use)

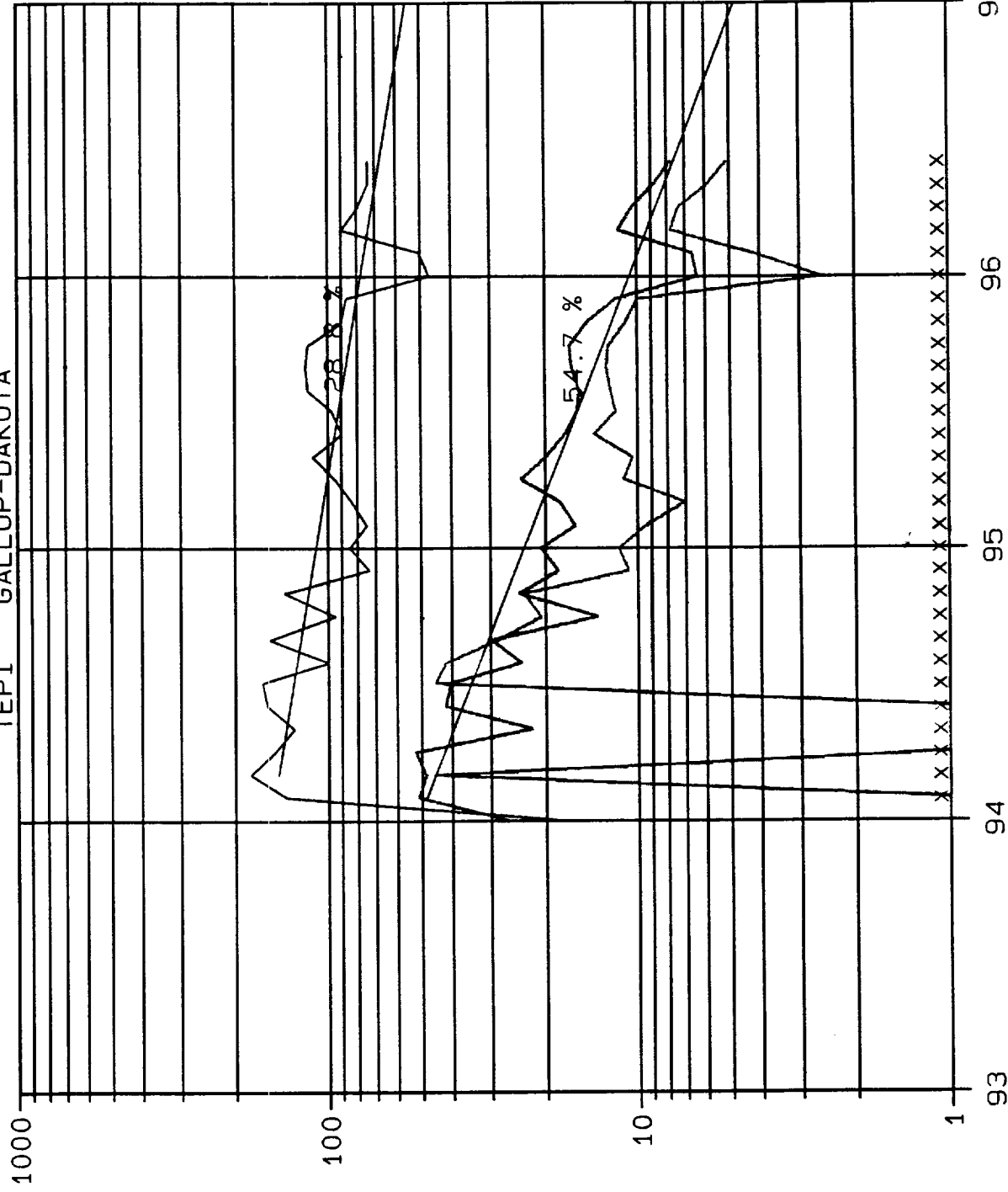
APPROVED Robert Kent TITLE Chief, Lands and Mineral Resources

DATE JUL 30 1996

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RENTZ, LYDIA 9 LINDRITH GALLUP-DAKOTA, WEST

TEPI GALLUP-DAKOTA



LEASE DATA
 LSE 017696
 FLD 39189
 OPER TEPI
 ZONE GAL/DK
 --
 COUNTY 039
 STATE 30
 30039253160001
 STATUS 5-96
 CO 20 MBO
 CG 93 MCMF
 CW 12 MBW
 BOPD 8
 BWPD 5
 MCFPD 74
 WELLS 1
 CI 0 MBWI
 BWIPD 0

BOPD
 BWPD

YEARS

Production Projection

Well Name & #:	Lydia Rentz #9	Current Oil Prod. Rate (BOPD):	8
Producing Formation:	West Lindrith Gallup Dakota	Oil Decline Factor:	0.936141542
Oil Decline Rate (%):	54.7	Current Gas Prod. Rate (MCFGD):	74
Gas Decline Rate (%):	28.8	Gas Decline Factor:	0.972090428
Completion Date (m/yr):	Jun-96		

Month	Projected Oil Production	Projected Gas Production	Projected Cumulative Oil Production	Projected Cumulative Gas Production
Jun-96	243	2250	243	2250
Jul-96	228	2187	471	4436
Aug-96	213	2126	684	6562
Sep-96	200	2066	884	8629
Oct-96	187	2009	1070	10637
Nov-96	175	1953	1245	12590
Dec-96	164	1898	1409	14488
Jan-97	153	1845	1562	16334
Feb-97	143	1794	1706	18127
Mar-97	134	1744	1840	19871
Apr-97	126	1695	1966	21566
May-97	118	1648	2083	23214
Jun-97	110	1602	2193	24815
Jul-97	103	1557	2297	26372
Aug-97	97	1514	2393	27886
Sep-97	90	1471	2483	29357
Oct-97	85	1430	2568	30788
Nov-97	79	1390	2647	32178
Dec-97	74	1352	2721	33529
Jan-98	69	1314	2791	34843
Feb-98	65	1277	2856	36120
Mar-98	61	1241	2917	37362
Apr-98	57	1207	2974	38569
May-98	53	1173	3027	39742
Jun-98	50	1140	3077	40882
Jul-98	47	1109	3124	41991
Aug-98	44	1078	3167	43069
Sep-98	41	1048	3208	44116
Oct-98	38	1018	3247	45134
Nov-98	36	990	3282	46124
Dec-98	34	962	3316	47087
Jan-99	31	935	3347	48022
Feb-99	29	909	3377	48931

Production Projection

Mar-99	28	884	3404	49815
Apr-99	26	859	3430	50675
May-99	24	835	3454	51510
Jul-99	23	812	3477	52322
Aug-99	21	789	3498	53111
Aug-99	21	789	3498	53111
Sep-99	20	767	3518	53879
Oct-99	19	746	3537	54624
Nov-99	17	725	3554	55349
Dec-99	16	705	3570	56054
.Jan-00	15	685	3585	56739
Feb-00	14	666	3600	57405
Mar-00	13	647	3613	58053
Apr-00	12	629	3625	58682
May-00	12	612	3637	59294
Jul-00	11	595	3648	59889
Aug-00	10	578	3658	60467
Aug-00	10	578	3658	60467
Sep-00	10	562	3668	61029
Oct-00	9	546	3677	61575
Nov-00	8	531	3685	62106
Dec-00	8	516	3693	62623
Jan-01	7	502	3700	63124
Feb-01	7	488	3707	63612
Mar-01	6	474	3714	64086
Apr-01	6	461	3720	64547
May-01	6	448	3726	64995
Jul-01	5	436	3731	65431
Aug-01	5	423	3736	65855
Aug-01	5	423	3736	65855
Sep-01	5	412	3740	66266
Oct-01	4	400	3745	66666
Nov-01	4	389	3749	67055
Dec-01	4	378	3753	67433
Jan-02	4	368	3756	67801
Feb-02	3	357	3760	68158
Mar-02	3	347	3763	68506
Apr-02	3	338	3766	68843
May-02	3	328	3768	69171
Jul-02	3	319	3771	69490
Aug-02	2	310	3773	69801
Aug-02	2	301	3776	70102
Sep-02	2	293	3778	70395
Oct-02	2	285	3780	70680
Nov-02	2	277	3781	70957
Dec-02	2	269	3783	71226

Production Projection

Jan-03	2	262	3785	71488
Feb-03	2	254	3786	71742
Mar-03	1	247	3788	71990
Apr-03	1	240	3789	72230
May-03	1	234	3790	72464
Jul-03	1	227	3791	72691
Aug-03	1	221	3792	72912
Aug-03	1	215	3794	73126
Sep-03	1	209	3794	73335
Oct-03	1	203	3795	73538
Nov-03	1	197	3796	73735
Dec-03	1	192	3797	73927
Jan-04	1	186	3798	74113
Feb-04	1	181	3798	74294
Mar-04	1	176	3799	74470
Apr-04	1	171	3800	74642
May-04	1	166	3800	74808
Jun-04	1	162	3801	74970
Jul-04	0	157	3801	75127
Jul-04	0	153	3802	75280
Aug-04	0	149	3802	75428
Oct-04	0	144	3803	75573
Nov-04	0	140	3803	75713
Dec-04	0	136	3803	75850
Jan-05	0	133	3804	75982
Feb-05	0	129	3804	76111
Mar-05	0	125	3804	76237
Apr-05	0	122	3804	76358
May-05	0	118	3805	76477
Jun-05	0	115	3805	76592
Jul-05	0	112	3805	76704
Jul-05	0	109	3805	76813
Aug-05	0	106	3806	76919
Oct-05	0	103	3806	77022
Nov-05	0	100	3806	77121
Dec-05	0	97	3806	77219
Jan-06	0	94	3806	77313
Feb-06	0	92	3806	77405
Mar-06	0	89	3806	77494
Apr-06	0	87	3807	77581
May-06	0	84	3807	77665
Jun-06	0	82	3807	77747