



**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT**

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

January 25, 2000

Texaco Exploration & Production, Inc.
P.O. Box 3109
Midland, Texas 79702

Attention: R.J. Boomer

RE: C-142 Application for New Well Status
Vacuum Grayburg San Andres Unit Well No. 24, API No. 30-025-02271
Central Vacuum Unit Well No. 167, API No. 30-025-33711

Dear R.J. Boomer:

Pursuant to Division Rule 34.C.(3), the deadline for filling for the New Well Tax Incentive is within sixty (60) days of completion of the well as a producer, therefore your application is hereby denied.

If you have any questions, please contact me at (505) 827-8183.

Sincerely,

Mark Ashley
Petroleum Engineering Specialist

District I - (505) 393-6161

1625 N. French Dr

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

District IV - (505) 827-7131

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131SUBMIT ORIGINAL
PLUS 2 COPIES
TO THE SANTA FE
OFFICE

JAN 21 2000

OIL CONSERVATION DIVISION APPLICATION FOR NEW WELL STATUS

I. Operator and Well

Operator name & address TEXACO EXPLORATION & PRODUCTION INC. P. O. BOX 3109 MIDLAND, TEXAS 79702							OGRID Number 022351	
Contact Party R. J. BOOMER							Phone (915) 688-2964	
Property Name CENTRAL VACUUM UNIT					Well Number 167		API Number 30-025-33711	
UL	Section	Township	Range	Feet From The	North/South Line	Feet From The	East/West Line	County
G	36	17S	34E	2000	NORTH	2630	EAST	LEA

II. Date/Time Information

Spud Date 11/3/99	Spud Time 8:00 AM	Date Completed 11/17/99	Pool VACUUM GRAYBURG SAN ANDRES
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III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.

IV. Attach a list of all working interest owners with their percentage interests.

V. AFFIDAVIT:

State of TEXAS)

ss.

County of MIDLAND)R. J. BOOMER, being first duly sworn, upon oath states:

- I am the Operator, or authorized representative of the Operator, of the above-referenced well.
- To the best of my knowledge, this application is complete and correct.

Signature R. J. Boomer Title PROJECT ENGINEER Date 1-19-00SUBSCRIBED AND SWORN TO before me this 19 day of January, 2000

Notary Public

My Commission expires:

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.

Signature	Title	Date
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: _____

NOTICE: The operator must notify all working interest owners of this New Well certification.

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.

30-025-33711

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil / Gas Lease No.

B-155-1

7. Lease Name or Unit Agreement Name

CENTRAL VACUUM UNIT

8. Well No.

167

9. Pool Name or Wildcat

VACUUM GRAYBURG SAN ANDRES

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO 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 G : 2000 Feet From The NORTH Line and 2630 Feet From The EAST Line
Section 36 Township 17-S Range 34-E NMPM LEA COUNTY

10. Elevation (Show whether DF, RKB, RT,GR, etc.)
3996' GR

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: ☐ HORIZONTAL ☒

2. 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.

11-03-99: MIRU KEY RIG #119. NUBOP. RU GAS BUSTER TO FLOWLINE. PU MILLS & PU DP. TAG RBP. PU & MAKE UP WHIPSTOCK & SET. MILL 4238-4239'.

11-04-99: MILL 4244-4250, 4252, 4281, 4312, 4325, 4442, 4502, 4596, 4606, 4660, 4670, 4787, 4802, 4819, 4834, 4850, 4860, 4985, 4999, 5007, 5022, 5038, 5053, 5069, 5089, 5101, 5105, 5125, 5133, 5153, 5164, 5179, 5301. TIH W/MAGNET.

11-08-99: REAM 5227-5301, ROTATE 5301-5322, 5334, 5386, 5391, 5417, 5418, 5497. TD HLE 11-8-99

11-09-99: JAR ON WHIPSTOCK. TIH W/RBP & SET @ 4100'. TEST TO 800 PSI.

11-10-99: NDBOP0. NU BOP & TEST TO 500 PSI. REL RIG 11-9-99.

11-12-99: MIRU SERV UNIT.

11-13-99: REL RBP. PU BENT SUB, TBG, PKR.

11-14-99: FLOW WELL TO TEST TANK. PUMP 40 BBLs BRINE DN BACKSIDE. TIH W/3 1/2" TBG. SET PKR @ 4150'. NU TREE. RD SERV UNIT.

11-17-99: MIRU FRAC CREWS. ACIDIZE GRAYBURG SAN ANDRES W/30,000 GALS 20% HCL & 30,000 GALS WF130.

11-18-99: MIRUSU. KILL WELL. REL PKR. C/O RAMS INSTL BLIND RAMS IN BOP. TIH W/RETR TOOL TO 1890'.

11-19-99: PU TBG. CIRC SAND OFF TOP OF RBP & SET @ 4256'. LATCH ONTO RBP. TIH W/KILL STRING TO 2500'.

11-20-99: KILL W/10 PPG BRINE. TIH W/PROD EQPT: MOTOR, SEAL, GAS SEPR, PUMP, PUMP @ 4217'. NDBOP EQPT. INSTL WH. START VELL PUMPING.

11-28-99: ON 24 HR OPT. PUMPED 239 BO, 252 BW, & 301 MCF.

FINAL REPORT

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

SIGNATURE J. Denise Leake TITLE Engineering Assistant

DATE 12/14/99

TYPE OR PRINT NAME J. Denise Leake

Telephone No. 397-0405

(This space for State Use)

APPROVED

3. CONDITIONS OF APPROVAL IF ANY: _____ TITLE _____ DATE _____

DeSoto/Nichols 12-93 ver 1.0

Approved By: _____

DISTRICT I
Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Box Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV
P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-104
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator Name and Address TEXACO EXPLORATION & PRODUCTION INC. 205 E. Bender, HOBBS, NM 88240		² OGRID Number 022351	
		³ Reason for Filing Code RC	
⁴ API Number 30-025-33711	⁵ Pool Name VACUUM GRAYBURG SAN ANDRES		⁶ Pool Code 62180
⁷ Property Code 11122	⁸ Property Name CENTRAL VACUUM UNIT		⁹ Well No. 167

II. ¹⁰ Surface Location

Ul or lot no	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
G	36	17-S	34-E		2000	NORTH	2630	EAST	LEA

¹¹ Bottom Hole Location

Ul or lot no	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
G	36	17-S	34-E		1961	NORTH	1513	EAST	LEA
¹² Lse Code S	¹³ Producing Method Code P	¹⁴ Gas Connection Date 1/14/97	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
037480	EOTT ENERGY PIPELINE CO.	2484610	O	E-31-18S-35E LEA, N.M. (BATTERY) LACT UNIT
009171	GPM GAS CORP.	2484630;2806123	G	E-31-18S-35E LEA, N.M. G-36-17S-34E LEA NM
024650	DYNEGY MIDSTREAM SERVICES, L.P.	2807200;2806127	G	E-31-18S-35E LEA, N.M. G-36-17S-34E LEA NM

V. Produced Water

OIL CONSERVATION DIVISION

Office
Use - 6 copies
Use - 5 copies
RICT I:

P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II

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

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.

30-025-33711

5. Indicate Type of Lease

STATE ☒FEE ☐

6. State Oil / Gas Lease

B-155-1

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:

NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RES. ☐ OTHER ☐ HORIZONTAL

2. Name of Operator

TEXACO EXPLORATION & PRODUCTION INC.

8. Well No.

167

3. Address of Operator

205 E. Bender, HOBBS, NM 88240

9. Pool Name or Wildcat

VACUUM GRAYBURG SAN ANDRES

4. Well Location

Unit Letter G : 2000 Feet From The NORTH Line and 2630 Feet From The EAST LineSection 36 Township 17-S Range 34-E NMPM LEA COUNTY

0. Date Spudded

11/3/99

11. Date T.D. Reached

11/8/99

12. Date Compl. (Ready to Prod.)

11/17/99

13. Elevations (DF & RKB, RT, GR, etc.)

3996' GR

14. Elev. Csghead

3996'

5. Total Depth

5497'

16. Plug Back T.D.

17. If Mult. Compl. How Many Zones?

18. Intervals

Drilled By

Rotary Tools

0-4850'

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

4244-5497 O.H. GRAYBURG SAN ANDRES

20. Was Directional Survey Made

YES

21. Type Electric and Other Logs Run

22. Was Well Cored

NO

23.

CASING RECORD (Report all Strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENT RECORD	AMOUNT PULLED
5 5/8"	24#	1540'	11"	550 SX, CIRC 10	
5 1/2"	17#	4850'	7 7/8"	1000 SX, CIRC 100	

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

25. Perforation record (Interval, size, and number)

244-5497' O.H.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4244-5497'	30,000 GALS 20% HCL
	30,000 GALS WF130

28.

PRODUCTION

ate First Production	Production Method (Flowing, gas lift, pumping - size and type pump)	Well Status (Prod. or Shut-in)
11/26/99	PUMPING N/A	PROD.
ate of Test	Hours tested	Choke Size
1-28-99	24	
Prod'n For	Oil - Bbl.	Gas - MCF
Test Period	239	301
Water - Bbl.	252	Gas - Oil Ratio
ow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate
		Oil - Bbl.
		Gas - MCF
		Water - Bbl.
		Oil Gravity - API -(Corr.)

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

OLD

Test Witnessed By

30. List Attachments DIRECTIONAL SURVEY

I hereby certify that the information on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNATURE J. Denise Leake TITLE Engineering AssistantDATE 12/14/99

TYPE OR PRINT NAME

J. Denise Leake

Telephone No. 397-0405



Lateral: 1 Proposed Direction: 88 Dog Leg Severity per: 100 feet

Measured Depth	Inclination	Azimuth	True Vertical Depth	North/South Coordinate	East/West Coordinate	Vertical Section	Dog Leg Severity	Survey Tool
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100	0.65	127.99	100.00	-0.35	0.45	0.43	0.65	
200	0.61	128.14	199.99	-1.03	1.31	1.28	0.04	
300	0.44	143.08	299.99	-1.66	1.96	1.90	0.22	
400	0.36	193.03	399.99	-2.28	2.12	2.04	0.35	
500	0.37	194.15	499.98	-2.90	1.97	1.87	0.01	
600	0.35	188.49	599.98	-3.51	1.85	1.72	0.04	
700	0.34	184.07	699.98	-4.11	1.78	1.64	0.03	
800	0.19	259.41	799.98	-4.43	1.60	1.44	0.35	
900	0.38	263.95	899.98	-4.50	1.11	0.95	0.19	
1000	0.54	260.74	999.97	-4.61	0.31	0.15	0.16	
1100	0.83	256.42	1099.97	-4.86	-0.86	-1.03	0.29	
1200	1.02	252.59	1199.95	-5.29	-2.41	-2.60	0.20	
1300	1.04	254.11	1299.94	-5.81	-4.13	-4.33	0.03	
1400	1.09	251.59	1399.92	-6.36	-5.91	-6.13	0.07	
1500	1.16	254.98	1499.90	-6.92	-7.79	-8.03	0.10	
1600	1.03	253.84	1599.88	-7.43	-9.63	-9.88	0.13	
1700	0.91	252.82	1699.87	-7.92	-11.25	-11.52	0.12	
1800	0.70	252.94	1799.86	-8.33	-12.60	-12.88	0.21	
1900	0.31	267.27	1899.85	-8.52	-13.45	-13.74	0.41	
2000	0.16	310.65	1999.85	-8.44	-13.83	-14.11	0.22	
2100	0.10	15.45	2099.85	-8.27	-13.91	-14.19	0.15	
2200	0.15	56.52	2199.85	-8.11	-13.78	-14.05	0.10	
2300	0.18	53.75	2299.85	-7.95	-13.54	-13.81	0.03	
2400	0.26	42.85	2399.85	-7.69	-13.26	-13.52	0.09	
2500	0.76	43.30	2499.85	-7.04	-12.65	-12.89	0.50	
2600	1.36	47.78	2599.83	-5.76	-11.32	-11.51	0.61	
2700	1.66	48.60	2699.80	-4.00	-9.35	-9.48	0.30	
2800	1.56	44.85	2799.76	-2.08	-7.30	-7.37	0.15	
2900	1.27	36.39	2899.73	-0.22	-5.69	-5.69	0.36	
3000	0.88	28.85	2999.71	1.34	-4.66	-4.61	0.41	
3100	0.77	20.17	3099.70	2.64	-4.06	-3.96	0.17	
3200	0.88	15.80	3199.69	4.01	-3.62	-3.47	0.13	
3300	0.95	14.64	3299.67	5.55	-3.20	-3.00	0.07	
3400	1.07	9.43	3399.66	7.28	-2.83	-2.58	0.15	
3500	1.11	10.21	3499.64	9.15	-2.51	-2.19	0.04	
3600	1.15	8.92	3599.62	11.10	-2.18	-1.79	0.05	
3700	1.17	7.93	3699.60	13.10	-1.89	-1.43	0.03	
3800	1.33	3.42	3799.58	15.27	-1.68	-1.14	0.19	
3900	1.39	357.49	3899.55	17.64	-1.66	-1.04	0.15	
4000	1.38	358.63	3999.52	20.05	-1.74	-1.04	0.03	
4100	1.35	2.30	4099.49	22.44	-1.72	-0.94	0.09	
4200	1.22	3.00	4199.47	24.68	-1.62	-0.76	0.13	
4240	1.30	0.54	4239.46	25.55	-1.59	-0.70	0.24	
4244	1.30	0.50	4243.46	25.65	-1.59	-0.70	0.02	
4305	23.30	74.80	4302.76	29.55	10.21	11.24	37.67	
4315	26.70	74.10	4311.82	30.69	14.28	15.35	34.13	
4325	30.30	74.10	4320.61	31.99	18.87	19.98	36.00	
4335	34.00	74.50	4329.07	33.43	23.99	25.15	37.06	
4345	37.50	74.50	4337.19	34.99	29.62	30.83	35.00	
4355	41.30	74.50	4344.91	36.69	35.74	37.00	38.00	
4365	45.20	74.50	4352.19	38.52	42.34	43.66	39.00	



4375	48.90	74.80	4359.01	40.46	49.40	50.78	37.07
4385	52.80	75.20	4365.32	42.46	56.89	58.33	39.12
4395	56.50	75.50	4371.10	44.53	64.78	66.29	37.08
4403	59.20	76.20	4375.36	46.18	71.34	72.91	34.55
4431	68.40	80.40	4387.71	51.23	95.92	97.65	35.50
4442	71.20	81.80	4391.51	52.83	106.12	107.90	28.12
4462	73.50	85.40	4397.58	54.95	125.05	126.89	20.65
4494	77.50	89.90	4405.59	56.21	155.99	157.86	18.48
4526	77.20	91.00	4412.60	55.96	187.21	189.05	3.48
4557	76.70	90.30	4419.60	55.62	217.41	219.22	2.73
4589	77.20	90.60	4426.82	55.37	248.58	250.36	1.81
4621	79.10	92.80	4433.40	54.44	279.88	281.61	8.97
4652	79.10	92.40	4439.26	53.06	310.29	311.96	1.27
4684	77.00	93.40	4445.88	51.48	341.56	343.15	7.24
4716	77.40	93.40	4452.97	49.63	372.71	374.21	1.25
4748	77.70	94.20	4459.87	47.56	403.89	405.30	2.62
4780	78.00	94.20	4466.61	45.27	435.08	436.40	0.94
4811	80.70	92.10	4472.34	43.60	465.50	466.74	10.96
4843	84.70	91.00	4476.40	42.74	497.22	498.41	12.96
4874	87.30	90.60	4478.56	42.31	528.14	529.30	8.49
4905	87.80	90.60	4479.89	41.98	559.11	560.24	1.61
4937	88.30	90.60	4480.98	41.65	591.09	592.18	1.56
4968	88.60	90.30	4481.82	41.40	622.08	623.14	1.37
4999	91.40	89.90	4481.82	41.35	653.08	654.12	9.12
5030	95.10	90.30	4480.06	41.30	684.02	685.04	12.00
5062	98.50	90.30	4476.27	41.13	715.79	716.79	10.63
5094	102.70	89.60	4470.39	41.16	747.24	748.22	13.30
5125	107.00	88.90	4462.44	41.55	777.19	778.17	14.04
5157	111.10	88.90	4452.00	42.13	807.43	808.40	12.81
5188	114.10	89.20	4440.09	42.60	836.04	837.02	9.72
5220	114.30	89.20	4426.97	43.01	865.22	866.20	0.63
5252	114.70	89.60	4413.70	43.31	894.34	895.31	1.69
5283	114.80	88.20	4400.72	43.85	922.49	923.46	4.11
5315	114.80	88.50	4387.30	44.69	951.52	952.50	0.85
5347	114.50	90.60	4373.95	44.92	980.60	981.57	6.04
5378	114.90	91.70	4361.00	44.35	1008.76	1009.70	3.47
5410	114.60	92.80	4347.60	43.21	1037.80	1038.68	3.26
5442	114.10	93.10	4334.41	41.71	1066.91	1067.72	1.78
5458	114.20	93.40	4327.86	40.88	1081.49	1082.26	1.82
5497	114.20	93.40	4311.87	38.78	1117.00	1117.67	0.00

FACT BHL: 1961 FNL
ER 1513 FEL
HORIZONTAL
Sec 36, T1TS, R34E
UNIT G

CENTRAL VACUUM UNIT
Working Interest Ownership

TEXACO	59.973870
Collins & Ware	1.989660
H. M. Bettis, Inc.	.017610
W. T. Boyle & Co.	.017610
Madelon L. Bradshaw	.148605
Frisco Energy LLC	.198130
Larry O. Hulsey	.009760
Bank One/Martha Leonard Trust	.049535
Bank One/Mary Leonard Children Trust	.049535
Bank One/Miranda Leonard Trust	.049535
Marathon Oil Company	25.555320
The McBee Company	.183880
Mobil E&P U.S. Inc. **	3.967430
Phillips Petroleum Company	7.604530
Norman D. Stovall, Jr.	.017610
S. B. Street & Co.	.017610
Toreador E & P Inc.	.132160
Turnco Inc.	.017610
TOTAL	100.000000