

SUR: H. 1880/N 4 660/E
BHL: A. 424/N 4 1189/E
1-18-34 30-025-31992



Lateral: 0

Proposed Direction: 340

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	0
100	0.66	30.56	100.00	0.50	0.29	0.37	0.66	
200	0.58	4.22	199.99	1.50	0.62	1.19	0.29	
300	0.50	4.84	299.99	2.44	0.70	2.05	0.08	
400	0.58	19.77	399.98	3.35	0.91	2.84	0.16	
500	0.50	32.26	499.98	4.19	1.31	3.49	0.14	
600	0.24	41.07	599.98	4.72	1.68	3.86	0.27	
700	0.33	328.04	699.98	5.12	1.66	4.24	0.35	
800	0.40	344.16	799.97	5.70	1.42	4.87	0.12	
900	0.35	13.13	899.97	6.34	1.39	5.48	0.19	
1000	0.29	336.36	999.97	6.86	1.36	5.99	0.21	
1100	0.19	117.39	1099.97	7.02	1.40	6.12	0.45	
1200	0.12	142.71	1199.97	6.86	1.62	5.89	0.10	
1300	0.44	118.22	1299.97	6.60	2.02	5.51	0.33	
1400	0.28	133.31	1399.97	6.25	2.53	5.00	0.18	
1500	0.46	127.63	1499.96	5.83	3.03	4.45	0.18	
1600	0.36	148.29	1599.96	5.32	3.51	3.80	0.18	
1700	0.37	111.78	1699.96	4.93	3.98	3.28	0.23	
1800	0.50	137.83	1799.96	4.49	4.57	2.66	0.23	
1900	0.44	108.70	1899.95	4.04	5.23	2.01	0.24	
2000	0.42	129.76	1999.95	3.69	5.87	1.46	0.16	
2100	0.81	104.36	2099.95	3.28	6.84	0.74	0.47	
2200	0.73	91.08	2199.94	3.09	8.16	0.11	0.20	
2300	1.37	85.80	2299.92	3.17	9.99	-0.44	0.65	
2400	1.37	77.86	2399.89	3.50	12.35	-0.93	0.19	
2500	1.74	76.23	2499.85	4.12	14.99	-1.26	0.37	
2600	1.61	70.56	2599.81	4.95	17.79	-1.44	0.21	
2700	1.69	67.22	2699.77	5.98	20.48	-1.38	0.13	
2800	1.61	65.76	2799.73	7.13	23.12	-1.20	0.09	
2900	1.49	66.49	2899.69	8.23	25.59	-1.02	0.12	
3000	1.25	75.12	2999.66	9.03	27.84	-1.04	0.32	
3100	0.87	70.79	3099.65	9.56	29.61	-1.15	0.39	
3200	0.85	67.35	3199.63	10.09	31.01	-1.12	0.06	
3300	0.71	70.30	3299.62	10.59	32.28	-1.09	0.15	
3400	0.53	72.85	3399.62	10.93	33.30	-1.12	0.18	
3500	0.08	110.67	3499.62	11.04	33.81	-1.19	0.47	
3600	0.39	227.07	3599.62	10.79	33.63	-1.36	0.43	
3700	0.56	222.45	3699.61	10.19	33.05	-1.72	0.17	
3800	0.64	218.74	3799.61	9.40	32.37	-2.24	0.09	
3900	0.61	214.76	3899.60	8.53	31.71	-2.84	0.05	
4000	0.59	216.59	3999.60	7.67	31.10	-3.43	0.03	
4100	0.64	214.97	4099.59	6.80	30.48	-4.03	0.05	
4200	0.60	218.24	4199.58	5.93	29.83	-4.63	0.05	
4300	0.61	228.56	4299.58	5.17	29.11	-5.10	0.11	
4400	0.93	228.15	4399.57	4.28	28.11	-5.59	0.32	
4500	1.23	221.13	4499.55	2.93	26.80	-6.41	0.33	
4600	1.86	232.01	4599.52	1.12	24.81	-7.43	0.69	
4700	2.23	237.79	4699.45	-0.92	21.89	-8.35	0.42	
4800	2.32	239.27	4799.37	-2.99	18.50	-9.13	0.11	
4900	2.58	240.79	4899.28	-5.12	14.80	-9.87	0.27	
5000	2.68	238.55	4999.18	-7.44	10.84	-10.70	0.14	
5100	2.72	238.92	5099.06	-9.88	6.81	-11.62	0.04	



5200	2.72	240.48	5198.95	-12.28	2.71	-12.46	0.07
5300	2.74	243.90	5298.84	-14.50	-1.50	-13.11	0.16
5400	2.94	244.40	5398.72	-16.66	-5.96	-13.62	0.20
5500	2.87	242.17	5498.59	-18.93	-10.48	-14.21	0.13
5600	2.66	243.16	5598.47	-21.15	-14.77	-14.82	0.22
5700	2.70	246.30	5698.36	-23.14	-19.00	-15.25	0.15
5800	2.83	245.99	5798.25	-25.10	-23.41	-15.58	0.13
5900	2.74	244.13	5898.13	-27.14	-27.81	-15.99	0.13
6000	2.70	247.86	5998.01	-29.07	-32.15	-16.33	0.18
6100	2.86	230.37	6097.90	-31.55	-36.25	-17.25	0.86
6200	2.86	228.29	6197.77	-34.80	-40.03	-19.01	0.10
6300	2.81	230.79	6297.65	-38.01	-43.79	-20.74	0.13
6400	2.78	224.43	6397.53	-41.29	-47.39	-22.60	0.31
6500	2.69	229.81	6497.42	-44.54	-50.88	-24.45	0.27
6600	2.90	232.30	6597.30	-47.60	-54.68	-26.03	0.24
6700	2.97	228.99	6697.17	-50.85	-58.63	-27.73	0.18
6800	2.81	233.06	6797.04	-54.02	-62.55	-29.37	0.26
6900	2.87	231.70	6896.92	-57.05	-66.47	-30.87	0.09
7000	2.42	236.74	6996.81	-59.76	-70.20	-32.14	0.51
7100	2.27	235.22	7096.73	-62.04	-73.59	-33.13	0.16
7200	2.21	233.44	7196.65	-64.32	-76.77	-34.19	0.09
7300	2.29	235.00	7296.58	-66.62	-79.95	-35.25	0.10
7400	2.16	239.09	7396.50	-68.73	-83.21	-36.13	0.21
7450	2.30	238.06	7446.46	-69.75	-84.87	-36.51	0.29GYRO
7495	2.30	238.10	7491.43	-70.70	-86.40	-36.89	0.00GYRO
7525	6.90	343.40	7521.35	-69.29	-87.43	-35.21	26.09GYRO
7535	9.50	343.40	7531.25	-67.92	-87.83	-33.79	26.00GYRO
7545	12.50	343.40	7541.06	-66.09	-88.38	-31.88	30.00GYRO
7555	15.30	345.90	7550.77	-63.78	-89.01	-29.49	28.63GYRO
7564	17.70	346.90	7559.40	-61.29	-89.61	-26.95	26.85
7573	20.20	346.20	7567.91	-58.45	-90.29	-24.04	27.89
7583	23.00	345.50	7577.21	-54.88	-91.19	-20.38	28.12
7593	25.50	345.20	7586.32	-50.91	-92.23	-16.29	25.03
7603	27.70	344.80	7595.27	-46.58	-93.39	-11.83	22.07
7613	29.80	344.10	7604.03	-41.95	-94.68	-7.04	21.27
7626	32.70	343.40	7615.14	-35.48	-96.57	-0.31	22.48
7658	38.20	343.10	7641.20	-17.71	-101.92	18.21	17.20MWD
7689	43.20	344.10	7664.70	1.68	-107.62	38.38	16.27
7721	47.60	344.80	7687.16	23.62	-113.72	61.09	13.84
7753	52.20	344.80	7707.77	47.24	-120.13	85.48	14.38
7784	56.60	344.50	7725.81	71.54	-126.81	110.59	14.22MWD
7816	61.80	343.40	7742.19	97.94	-134.41	138.01	16.52
7848	65.50	343.80	7756.39	125.45	-142.50	166.62	11.62
7879	69.40	343.80	7768.28	152.93	-150.49	195.18	12.58
7910	73.40	344.10	7778.16	181.16	-158.61	224.48	12.94
7942	77.60	344.10	7786.17	210.95	-167.09	255.38	13.13MWD
7973	81.30	343.80	7791.85	240.23	-175.52	285.78	11.97
8005	85.60	343.40	7795.50	270.73	-184.49	317.50	13.49
8037	90.30	343.40	7796.64	301.36	-193.63	349.41	14.69
8069	96.30	343.10	7794.80	331.94	-202.83	381.29	18.77
8100	103.00	342.40	7789.61	361.11	-211.88	411.80	21.73MWD
8132	108.20	342.40	7781.00	390.48	-221.20	442.59	16.25
8164	108.30	342.00	7770.98	419.42	-230.49	472.95	1.23
8195	108.60	342.00	7761.17	447.38	-239.58	502.34	0.97MWD
8227	109.90	343.10	7750.62	476.20	-248.64	532.52	5.20



8257	110.20	342.70	7740.34	503.14	-256.92	560.67	1.60
8289	110.60	343.10	7729.18	531.80	-265.74	590.62	1.71
8321	110.80	343.40	7717.87	560.47	-274.37	620.51	1.08MWD
8352	110.80	343.80	7706.86	588.27	-282.55	649.43	1.21
8385	110.90	343.80	7695.12	617.88	-291.16	680.20	0.30
8417	111.30	344.80	7683.60	646.62	-299.24	709.97	3.17
8449	111.60	344.80	7671.89	675.37	-307.04	739.65	0.94
8480	112.10	344.80	7660.36	703.13	-314.59	768.32	1.61
8511	110.50	344.50	7649.10	730.98	-322.23	797.11	5.24
8543	108.90	343.80	7638.31	759.96	-330.46	827.16	5.41MWD
8575	104.90	342.00	7629.01	789.22	-339.47	857.73	13.61
8606	100.90	341.00	7622.09	817.87	-349.06	887.93	13.28
8637	96.60	341.70	7617.37	846.89	-358.85	918.55	14.05
8669	92.50	343.10	7614.84	877.29	-368.49	950.42	13.53
8701	88.10	343.80	7614.67	907.96	-377.61	982.35	13.92
8733	83.50	343.80	7617.01	938.60	-386.51	1014.18	14.38
8765	82.80	343.40	7620.83	969.07	-395.48	1045.89	2.52
8796	83.20	343.10	7624.61	998.54	-404.34	1076.61	1.61
8834	83.50	342.40	7629.01	1034.58	-415.54	1114.31	1.99
8860	83.80	342.40	7631.88	1059.21	-423.35	1140.13	1.15MWD
8892	83.80	342.40	7635.34	1089.54	-432.97	1171.92	0.00
8924	84.00	341.70	7638.74	1119.81	-442.78	1203.71	2.26
8956	84.10	343.10	7642.06	1150.14	-452.40	1235.51	4.36
8987	83.00	345.50	7645.54	1179.80	-460.74	1266.23	8.47
9019	83.30	345.90	7649.36	1210.58	-468.58	1297.84	1.56
9050	83.40	346.90	7652.95	1240.51	-475.82	1328.44	3.22
9082	83.50	347.30	7656.60	1271.50	-482.92	1359.99	1.28MWD
9114	84.20	346.60	7660.02	1302.49	-490.10	1391.57	3.08
9146	84.60	344.80	7663.15	1333.35	-497.97	1423.26	5.74
9178	84.60	345.20	7666.16	1364.13	-506.22	1454.99	1.24
9209	82.50	345.90	7669.64	1393.95	-513.90	1485.65	7.14
9236	82.80	345.90	7673.09	1419.92	-520.43	1512.29	1.11
9273	82.80	345.90	7677.73	1455.53	-529.37	1548.80	0.00

Submit 3 copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

OIL CONSERVATION DIVISION

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

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

WELL API NO.	3002531992
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil / Gas Lease No.	B-1733
7. Lease Name or Unit Agreement Name	NEW MEXICO -L- STATE
8. Well No.	12
9. Pool Name or Wildcat	VACUUM DRINKARD
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	GR-3983', KB-3997'

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 H : 1880 Feet From The NORTH Line and 660 Feet From The EAST Line
Section 1 Township 18S Range 34E NMPM LEA COUNTY

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: ☐ Horizontal Re-Entry ☒

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.

4-21-99: MIRU. UNSEAT PUMP.
4-22-99: INSTL BOP & TEST TO 100 PSI. REL TA. TIH W/BIT & CSG SCRAPER. TIH TO 7790'.
4-23-99: KILL W/50 BFW. TIH W/GAUGE RING & JNK BSKT TO 7700'. TIH W/CIBP & SET @ 7515'. TIH W/TBG & TAG CIBP @ 7515'PRESS TEST
CIBP W/1000 PSI FOR 15 MIN. RIG DOWN SU.
4-27-99: NDBOP. NU BOP & FL. TEST BLINDS TO 500 PSI. TIH W/WHIPSTOCK.
4-28-99: SET WHIPSTOCK W.338.4 DEG AZIMUTH. MILL OUT WINDOW. MILL @ 7501-08. CUT NEW HLE FR 7508-7512'. TIH W/BHA #1.SLIDE
DRILL FR 7512-7521.
4-29-99: SLIDE DRILL FR 7521-7540,7571,94,52,59,80,87,7705'.
4-30-99: ROTARY DRILL 7705-7715. SLIDE FR 7715-47,59,80,91,7816,22,37,54,72,85,7902,16,23,33,47,64,79,85.
5-01-99: DRILL FR 7985-96,8011,36,43,8129,8201,09,13,64.
5-02-99: DRILL FR 8264-8385.
5-03-99: TIH W/BHA #3. REAM 8327-8385 (TD). DRILL 8385-8495,8505,32,42,47,95.
5-04-99: DRILL 8595-8738,8883,8918.
5-05-99: DRILL 8918-61,76,9102,07,29,37,41.
5-06-99: DRILL 9142,83,91,9246,54,73. TIH W/RBP & SET @ 5997'. PRESS TEST TO 1000 PSI.
5-07-99: ND BOP, FLOWLINE & WH. NU TBG HEAD & 5000# BOP. PRES TEST FOR 15 MIN TO 1000 PSI.
5-15-99: RU SU., TIH W/2 7/8" TBG. TIH W/3 1/2" TBG TO 5494'.
5-16-99: REL RBP. TIH W/BHA FOR ACID FRAC.
5-17-99: REL PKR. TIH W/PKR & RBP. SET RBP @ 7424'. PKR @ 7398'. CATCH RBP.
5-18-99: TIH W/2 7/8" TBG. TIH W/PSI GAUGE RING & 2 7/8" STAND. PSA 7397'. REL TBG TESTERS.
5-19-99: TEST CSG TO 1500 PSI.
5-20-99: RU TO ACID FRAC DRINKARD LATERAL. FRAC W/64,441 GALS 20% HCL & 65,163 GALS WF130. FLOWBACK FRAC ON 20/64" CHOKE.
5-21-99: NDFRAC TREE. REL PKRS. TIH W/JARS. DC'S. LATCH IN WHIPSTOCK & START PULLING. DID NOT REL. JAR ON WHIPSTOCK.
5-22-99: JAR 45 MIN & CAME FREE. PU RBP & TIH TO 1000' & SET. REL RBP. TIH W/TBG.

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 07/15/1999

TYPE OR PRINT NAME J. Denise Leake

Telephone No. 397-0405

(This space for State Use)

APPROVED BY [Signature] TITLE [Signature]

DATE 07/15/1999

CONDITIONS OF APPROVAL, IF ANY:

DeSoto/Nichols 12-93 ver 1.0

JC

5-23-99: PULL 3 ½" TBG, RAMS & INSTL BLINDS. TEST TBG & BLINDS TO 1500 PSI. TAG CIBP @ 7515'. WRK PLUG TO BTM @ 7950'.
5-24-99: RAN MA, PERF SUB, 2 7/8", TAC. TBG @ 7908'. TAC SET @ 7390'. NDBOP & INSTL ADAPTER FLANGE.
5-25-99: TIH W/GAS ANCHOR, PUMP, LIFG SUB, K-BARS, RDS. RIG DOWN.
5-26-99: MIRU PU.
5-31-99: ON 24 HR OPT. PUMPED 145 BO, 143 BW, & 331 MCF.

PUMP SIZE: 1.75
PUMP BORE 2.5
PUMP DEPTH: 7863'
STROKE LENGTH 144, SPM-8
FORMATION: DRINKARD
SN DEPTH 7863
GROSS INTERVAL 7501-9273 (OPEN HOLE)

FINAL REPORT

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.	3002531992
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil / Gas Lea	B-1733

WELL COMPLETION OR RECOMPLETION REPORT AND LOG													
1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐					7. Lease Name or Unit Agreement Name NEW MEXICO -L- STATE								
b. Type of Completion: NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RES. ☐ OTHER ☐ Horizontal Re-entry					8. Well No. 12								
2. Name of Operator TEXACO EXPLORATION & PRODUCTION INC.					9. Pool Name or Wildcat VACUUM DRINKARD								
3. Address of Operator 205 E. Bender, HOBBS, NM 88240													
4. Well Location Unit Letter <u>H</u> Section <u>1</u> Township <u>18S</u> Range <u>34E</u> Feet From The <u>NORTH</u> Line and <u>660</u> Feet From The <u>EAST</u> Line <u>34E</u> <u>84E</u> <u>424</u> <u>1750</u> NMPM LEA COUNTY													
10. Date Spudded 04/21/1999		11. Date T.D. Reached 05/06/1999		12. Date Compl. (Ready to Prod.) 05/20/1999		13. Elevations (DF & RKB, RT, GR, etc.) GR-3983', KB-3997'		14. Elev. Csghead 3983'					
15. Total Depth 9273'		16. Plug Back T.D.		17. If Mult. Compl. How Many Zones?		18. Intervals Drilled By		Rotary Tools Cable Tools					
19. Producing Interval(s), of this completion - Top, Bottom, Name 7501-9273 Open hole Drinkard								20. Was Directional Survey Made YES					
21. Type Electric and Other Logs Run TDT LOG								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			
8 5/8		24#		1476'		11		CL-C 650 SX CIR. 112					
5 1/2		15.5 & 17#		8000'		7 7/8		CL-H 1925 SX,CIRC. 2					
								TOP OF CMT TS @ 180					
								DV TOOL @ 5022'					
24. LINER RECORD										25. TUBING RECORD			
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		SIZE	DEPTH SET	PACKER SET	
										2 7/8	7863'		
26. Perforation record (interval, size, and number) 7501-9273 OPEN HOLE						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.							
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED					
						7501-9273'		64,441 gals 20% HCL &					
								65,153 gals WF130					
28. PRODUCTION													
Date First Production 05/26/1999		Production Method (Flowing, gas lift, pumping - size and type pump) PUMPING 2 1/2"x1 3/4"x24'						Well Status (Prod. or Shut-in) PRODUCING					
Date of Test 5-31-99		Hours tested 24		Choke Size		Prod'n For Test Period		Oil - Bbl. 145		Gas - MCF 331		Water - Bbl. 143	Gas - Oil Ratio
Flow 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.) SOLD										Test Witnessed By			
30. List Attachment DIRECTIONAL SURVEY													
31. 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 <u>J. Denise Leake</u> TITLE <u>Engineering Assistant</u> DATE <u>07/15/1999</u>													
TYPE OR PRINT NAME <u>J. Denise Leake</u> Telephone No. <u>397-0405</u>													