

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.	30-025-31810
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil / Gas Lease No.	B-2146-6
7. Lease Name or Unit Agreement Name	VACUUM GLORIETA WEST UNIT
8. Well No.	93
9. Pool Name or Wildcat	VACUUM GLORIETA
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3998' GR	

SUNDY 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 INJECTION ☐
2. Name of Operator	TEXACO EXPLORATION & PRODUCTION INC.
3. Address of Operator	205 E. Bender, HOBBS, NM 88240
4. Well Location	Unit Letter <u>K</u> : <u>1723</u> Feet From The <u>SOUTH</u> Line and <u>1575</u> Feet From The <u>WEST</u> Line Section <u>36</u> Township <u>17-S</u> Range <u>34-E</u> NMPM <u>LEA</u> COUNTY
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3998' GR	

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 Lateral

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.

2-26-99: MIRU. CHECK WH PRES. ON VAC. NUBOP. UNSEAT PKR. PU BIT, CSG SCRAPER & TBG. TIH TO 5200'.
2-27-99: FINISH TIH TO 6096'. WRK CSG SCRAPER FR 5800-6096'. TIH W/CCL & OD IBP. CIBP STACK OUT @ 5960'.
2-28-99: TIH TO 6096'. TAG UP. TIH & STACK OUT @ 6010'. WSH THRU BRIDGE. TIH TO 6096'. PMP 50 BBLS HOT WTR. RIH W/CIBP. STACK OUT @ 6012'. SET CIBP @ 6011'. DMP BAIL 15' CMT ON CIBP. TIH W/CIBP & SET @ 5833'. TEST CIBP TO 1000 PSI-OK. TIH W/TBG.
3-01-99: LD TBG. RIG DOWN SERV UNIT.
3-02-99: TIH & TAG UP ON CIBP @ 5833'. PU MILL & WHIPSTOCK. RU WL & RUN GYRO. SET WHIPSTOCK @ 158 DEG. CUT WINDOW FR 5820-5828'.
3-03-99: TIH W/2ND WINDOW MILL. MILL WINDOW FR 5828-5830'. TOTAL WINDOW 5820-5830'. TEST PIPE RAMS TO 500 PSI-OK. DRIL FR 5830-5849', & 5849-5872'.
3-04-99: DRIL FR 5872-5910, 5910-5930, 5930-6041, 6041-6104, 6104-6119, 6119-6136, 6136-6148, 6148-6168'.
3-05-99: ROTARY DRIL FR 6168-6179, 6179-6189, 6189-6295, 6295-6358, 6358-6362, 6362-6405, 6405-6413, 6413-6453, 6453-6466, 6466-6495.
3-06-99: SLIDE DRL FR 6495-6530. SIDETRACK @ 6390'. TIH W/BHA #3. TIME DRILL FR 6390-6396, 6396-6400. SLIDE DRIL FR 6400-6415, 6415-6486.
3-07-99: SLIDE DRL FR 6486-6501, 6501-6581, 6581-6591, 6591-6613, 6613-6618, 6618-6708, 6708-6718. ROTATE DRL FR 6718-6803. FAST DRL FR 6750-6770. (H2S GAS) SLIGHT FLOW. CALLED TD @ 6803'. (63' SHORT OF PROJECTED TOTAL DEPTH) TIH W/RBP ON DP TO 5700'. SET RBP. PSI TEST RBP TO 1000 PSI.
NDBOPS. INSTL RENTAL BOPS. RIG RELEASED @ MIDNIGHT..
3-16-99: UNLOAD, RACK, TALLY 2 7/8" WS. TIH W/RETR TOOL. PU TBG TO 5700'. RU PMP TRUCK. CIRC W/125 BBLS 10# BRINE. LATCH & REL RBP @ 5700'. TIH W/PKR, SN, & TBG TO 5704'. LOAD & PSI CST TO 500 PSI-OK. WINDOW @ 5820-5830'.
3-17-99: RD PU. RU SWAB UNIT. FL @ 1200' FR SURF. END FL @ 3000'.
3-26-99: MIRU COIL TBG UNIT. TIH W/COIL TBG TO 5817'.
3-27-99: REL PKR. RU PMP TRUCK. CIRC W/130 BBLS. TIH W/SHOE, SUB, TBG & PKR. SET @ 8' KB. PKR @ 5709'. LOAD & PSI CSG.
3-28-99: ACIDIZE UPPER PADDOCK FORM 5820-6775' W/13,100 GALS 15% NEFE HCL ACID. TIH TO 6790'. JET LATERAL.
3-29-99: FLOW DOWN. RU & SWAB. FL @ 600'. END FL @ 1300'. REL PKR. TIH W/PKR, & TBG. FLANGE UP WIW WH.
3-30-99: NDBOP. NUWH. RU PMP TRUCK. CIRC W/TRTD PKR FLUID. PSA 5739'. (TOP WINDOW @ 5820') LOAD & PSI CSG-500#-OK.
4-05-99: ON 24 HR OPT. INJ'G 1600 BWPD @ 1640#. 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 4/21/99
TYPE OR PRINT NAME J. Denise Leake Telephone No. 397-0405

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



Lateral: 0		Proposed Direction: 262				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	

Lateral: 1		Proposed Direction: 262				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
6354	91.10	262.90	5914.30	-86.90	-481.50	488.91	3.70	MWD
6386	91.40	261.70	5913.60	-91.19	-513.20	520.90	3.86	
6390	91.40	261.70	5913.50	-91.76	-517.16	524.90	0.00	
6418	86.90	262.60	5913.92	-95.59	-544.89	552.89	16.39	
6450	85.80	261.40	5915.96	-100.03	-576.51	584.82	5.08	
6482	86.40	261.10	5918.13	-104.89	-608.06	616.74	2.10	MWD
6486	86.10	261.40	5918.50	-105.40	-612.02	620.73	0.83	MWD
6513	88.20	262.80	5919.59	-109.22	-638.72	647.71	7.98	
6545	89.60	262.50	5920.21	-113.32	-670.45	679.70	4.47	
6577	90.90	262.40	5920.07	-117.52	-702.17	711.70	4.07	
6608	89.10	263.70	5920.07	-121.27	-732.95	742.69	7.16	
6640	88.30	263.90	5920.79	-124.73	-764.75	774.67	2.58	
6672	89.20	263.30	5921.49	-128.29	-796.54	806.65	3.38	
6703	89.90	262.80	5921.74	-132.04	-827.31	837.64	2.77	
6735	88.80	263.60	5922.10	-135.83	-859.09	869.63	4.25	
6767	89.30	262.90	5922.63	-139.59	-890.86	901.62	2.69	
6803	89.30	262.90	5923.07	-144.04	-926.58	937.61	0.00	MWD

Lateral: 231		Proposed Direction: 262				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	0.36	190.36	100.00	-0.31	-0.06	0.10	0.36	
200	0.51	177.16	200.00	-1.06	-0.09	0.24	0.18	
300	0.83	161.95	299.99	-2.20	0.16	0.15	0.36	
400	0.92	147.67	399.98	-3.56	0.81	-0.31	0.24	
500	0.98	147.14	499.96	-4.96	1.70	-1.00	0.06	
600	1.01	156.35	599.95	-6.49	2.52	-1.59	0.16	
700	1.03	158.15	699.93	-8.13	3.21	-2.05	0.04	
800	0.95	157.09	799.92	-9.72	3.87	-2.47	0.08	
900	0.82	151.39	899.91	-11.12	4.53	-2.94	0.16	
1000	0.59	167.17	999.90	-12.25	4.99	-3.23	0.30	
1100	0.46	154.23	1099.89	-13.11	5.28	-3.40	0.18	
1200	0.53	153.15	1199.89	-13.88	5.66	-3.67	0.07	
1300	0.85	135.30	1299.88	-14.82	6.39	-4.27	0.38	
1400	0.83	131.46	1399.87	-15.83	7.46	-5.18	0.06	
1500	0.82	133.08	1499.86	-16.80	8.52	-6.10	0.03	
1600	0.66	130.91	1599.85	-17.67	9.48	-6.93	0.16	
1700	0.60	135.47	1699.85	-18.42	10.28	-7.62	0.08	
1800	0.54	110.54	1799.84	-18.95	11.09	-8.34	0.25	
1900	0.91	87.75	1899.84	-19.09	12.32	-9.55	0.46	
2000	0.87	107.85	1999.82	-19.29	13.84	-11.02	0.31	
2100	0.67	108.59	2099.81	-19.71	15.12	-12.23	0.20	
2200	0.65	74.43	2199.81	-19.74	16.22	-13.31	0.39	
2300	1.06	75.00	2299.80	-19.35	17.66	-14.79	0.41	
2400	1.04	96.20	2399.78	-19.21	19.45	-16.59	0.39	
2500	0.74	88.83	2499.77	-19.29	21.00	-18.11	0.32	
2600	1.00	71.70	2599.76	-19.01	22.48	-19.61	0.37	
2700	1.18	91.04	2699.74	-18.75	24.33	-21.49	0.41	



2800	0.87	103.19	2799.72	-18.94	26.10	-23.21	0.38	
2900	0.91	81.42	2899.71	-19.00	27.63	-24.71	0.34	
3000	0.71	119.20	2999.70	-19.18	28.95	-26.00	0.56	
3100	0.38	90.59	3099.70	-19.49	29.82	-26.82	0.42	
3200	0.58	115.62	3199.69	-19.71	30.61	-27.57	0.29	
3300	0.45	168.99	3299.69	-20.32	31.14	-28.01	0.48	
3400	0.03	350.75	3399.69	-20.67	31.21	-28.03	0.48	
3500	0.40	199.64	3499.69	-20.98	31.09	-27.87	0.43	
3600	0.43	269.70	3599.69	-21.31	30.60	-27.34	0.48	
3700	0.21	283.08	3699.69	-21.27	30.05	-26.79	0.23	
3800	0.18	264.27	3799.68	-21.24	29.71	-26.47	0.07	
3900	0.51	236.16	3899.68	-21.51	29.19	-25.91	0.36	
4000	0.69	256.20	3999.68	-21.90	28.23	-24.91	0.27	
4100	0.63	276.40	4099.67	-21.98	27.10	-23.78	0.24	
4200	0.37	267.66	4199.67	-21.93	26.23	-22.92	0.27	
4300	0.70	230.91	4299.66	-22.33	25.44	-22.08	0.46	
4400	1.03	236.10	4399.65	-23.22	24.22	-20.75	0.34	
4500	0.99	247.58	4499.64	-24.05	22.67	-19.10	0.21	
4600	1.05	235.85	4599.62	-24.89	21.11	-17.44	0.22	
4700	1.91	229.50	4699.59	-26.49	19.09	-15.22	0.87	
4800	2.43	233.41	4799.51	-28.83	16.12	-11.95	0.54	
4900	2.40	223.75	4899.43	-31.61	12.97	-8.44	0.41	
5000	1.98	226.43	4999.35	-34.31	10.27	-5.39	0.43	
5100	1.72	219.33	5099.30	-36.67	8.07	-2.89	0.35	
5200	2.16	210.83	5199.24	-39.44	6.15	-0.60	0.52	
5300	2.02	209.63	5299.18	-42.59	4.31	1.66	0.15	
5400	1.78	196.16	5399.12	-45.62	3.01	3.37	0.51	
5500	2.03	193.84	5499.07	-48.83	2.15	4.66	0.26	
5600	1.81	209.18	5599.01	-51.93	0.96	6.28	0.56	
5700	1.24	202.18	5698.98	-54.31	-0.22	7.78	0.60	
5800	1.24	221.72	5798.95	-56.12	-1.35	9.15	0.42	
5830	3.30	265.00	5828.93	-56.44	-2.42	10.26	8.48	
5840	8.80	265.00	5838.87	-56.53	-3.47	11.31	55.00	
5850	15.60	265.00	5848.64	-56.71	-5.58	13.42	68.00	
5860	23.30	269.30	5858.06	-56.85	-8.90	16.73	78.27	
5870	31.10	269.60	5866.95	-56.90	-13.47	21.25	78.01	GYRO
5880	38.80	270.10	5875.14	-56.91	-19.19	26.93	77.05	
5890	46.50	270.10	5882.49	-56.90	-25.96	33.63	77.00	
5900	54.00	269.50	5888.88	-56.93	-33.64	41.24	75.14	MWD
5910	60.90	267.80	5894.25	-57.13	-42.07	49.61	70.47	
5930	73.30	266.50	5902.02	-58.05	-60.43	67.92	62.29	
5942	75.30	267.20	5905.27	-58.69	-71.96	79.43	17.59	
5973	79.70	267.70	5911.98	-60.03	-102.19	109.55	14.28	
6005	84.90	268.20	5916.26	-61.17	-133.87	141.08	16.32	
6037	90.20	268.40	5917.63	-62.11	-165.82	172.85	16.57	
6068	92.30	268.10	5916.95	-63.06	-196.79	203.65	6.84	
6100	93.80	267.10	5915.25	-64.40	-228.72	235.46	5.63	MWD
6132	93.80	265.40	5913.13	-66.49	-260.58	267.30	5.30	
6164	90.60	266.10	5911.90	-68.85	-292.46	299.20	10.24	
6196	87.40	265.60	5912.46	-71.17	-324.37	331.12	10.12	
6227	87.30	264.60	5913.89	-73.81	-355.22	362.04	3.24	
6259	90.30	264.80	5914.56	-76.77	-387.08	393.99	9.40	
6291	89.80	264.50	5914.54	-79.75	-418.94	425.96	1.82	
6323	90.00	263.20	5914.59	-83.18	-450.75	457.94	4.11	
6354	91.10	262.90	5914.29	-86.93	-481.52	488.93	3.68	

TEXACO

Denver Region

V.G.W.U. #93

Estimate: 695002

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SURVEY REPORT

Proprietary Information of Texaco Inc.



6386	91.40	261.70	5913.60	-91.22	-513.23	520.93	3.86	
6417	91.60	261.40	5912.79	-95.77	-543.88	551.91	1.16	
6449	92.20	260.40	5911.72	-100.83	-575.46	583.89	3.64	MWD