

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised May 08, 2003

SUNDRY NOTICES AND REPORTS ON WELLS (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.)		WELL API NO. 30-015-33053
1. Type of Well: Oil Well ☐ Gas Well ☒ Other		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator Perenco LLC		6. State Oil & Gas Lease No. 33040
3. Address of Operator 6 Desta Drive, Suite 6800 Midland, TX 79705		7. Lease Name or Unit Agreement Name: State 1724
4. Well Location Unit Letter N : 660 feet from the South line and 1980 feet from the West line Section 31 Township 17S Range 24E NMPM County Eddy		8. Well Number 218885
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3861' GR		9. OGRID Number 311
		10. Pool name or Wildcat Cottonwood Creek; Abo Gas

12. 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 ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐

OTHER: **Drill horizontal lateral and run liner** ☒

13. 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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

5/13/04 - 5/18/04

1) Drilled horizontal lateral to 8609' MD. (Directional survey attached)

2) Ran 99 jts perforated 4-1/2" 11.6# L-80 liner.
Liner hanger on packer st at 4360'. End of liner at 8607'.

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

SIGNATURE Robin S. McCarley TITLE Eng. Tech. DATE 05/25/04

Type or print name Robin S. McCarley Telephone No. 432-682-8553

(This space for State use)

FOR RECORDS ONLY

JUN 02 2004

APPROVED BY _____ TITLE _____ DATE _____
Conditions of approval, if any:



SURVEY CALCULATION PROGRAM

INTEGRATIONAL WELLING CONTRACTORS, LLC.

OPERATOR:	PERENCO OIL & GAS	Supervisors:
WELL:	STATE 1724 # 311	MIKE HOLLAND
LOCATION:	EDDY COUNTY, N.M.	RICK MAST
JOB NUMBER:	MDR-4106	
COMMENTS:		
TIE IN TO SCIENTIFIC GYRO		
		MAG DEC.(-/+) 9.1
		GRID CORR.(-/+) 0.2
		TOTAL CORR.(-/+) 9.3

DATE: 05/16/04

TIME: 4:45 PM

GRID TO TRUE

MINIMUM CURVATURE CALCULATIONS(SPE-3362)					PROPOSED DIRECTION			360.0	TARGET TRACKING TO CENTER	
SVY NUM	MD	INC	TRUE AZM	TVD	SECT	N-S	E-W	DLS/ 100	ABOVE(+)	RIGHT(+)
									BELOW(-)	LEFT(-)

TIE	4450	0.6	86.9	4449.7	-37.0	-37.0	-8.7	0.0	290.1	-8.7
1	4483	9.0	9.6	4482.6	-34.4	-34.4	-8.1	26.9	257.3	-8.1
2	4515	15.8	7.5	4513.8	-27.6	-27.6	-7.1	21.3	226.0	-7.1
3	4547	23.4	5.8	4544.0	-17.0	-17.0	-5.9	23.8	195.9	-5.9
4	4580	31.9	3.7	4573.2	-1.7	-1.7	-4.6	25.9	166.8	-4.6
5	4612	39.9	1.2	4599.1	17.0	17.0	-3.9	25.4	140.9	-3.9
6	4644	44.2	359.5	4622.8	38.4	38.4	-3.8	13.9	117.2	-3.8
7	4675	46.5	0.5	4644.6	60.5	60.5	-3.8	7.8	95.4	-3.8
8	4708	48.4	0.2	4666.9	84.8	84.8	-3.6	5.8	73.2	-3.6
9	4739	54.7	1.6	4686.2	109.1	109.1	-3.2	20.6	54.0	-3.2
10	4771	59.8	1.9	4703.5	136.0	136.0	-2.4	16.0	36.7	-2.4
11	4803	64.9	1.6	4718.3	164.3	164.3	-1.5	16.0	21.9	-1.5
12	4835	71.8	1.6	4730.1	194.0	194.0	-0.7	21.6	10.2	-0.7
13	4866	79.7	1.2	4737.8	224.0	224.0	0.0	25.5	2.6	0.0
14	4897	87.3	0.2	4741.3	254.8	254.8	0.4	24.7	-0.8	0.4
15	4928	89.9	359.5	4742.0	285.8	285.8	0.3	8.7	-1.5	0.3
16	4960	89.9	358.4	4742.1	317.8	317.8	-0.3	3.4	-1.5	-0.3
17	4992	90.1	359.1	4742.1	349.7	349.7	-1.0	2.3	-1.4	-1.0
18	5023	89.6	358.0	4742.2	380.7	380.7	-1.7	3.9	-1.4	-1.7
19	5055	88.3	358.0	4742.7	412.7	412.7	-2.9	4.1	-2.0	-2.9
20	5086	87.8	357.4	4743.8	443.7	443.7	-4.1	2.5	-2.9	-4.1
21	5119	87.6	357.0	4745.1	476.6	476.6	-5.7	1.4	-4.2	-5.7
22	5150	87.8	357.8	4746.4	507.5	507.5	-7.1	2.7	-5.4	-7.1
23	5181	87.8	357.4	4747.6	538.5	538.5	-8.4	1.3	-6.5	-8.4
24	5213	88.0	356.6	4748.7	570.4	570.4	-10.1	2.6	-7.6	-10.1
25	5245	87.6	357.0	4750.0	602.4	602.4	-11.9	1.8	-8.8	-11.9
26	5277	88.0	358.4	4751.2	634.3	634.3	-13.2	4.5	-9.9	-13.2
27	5309	89.2	359.1	4752.0	666.3	666.3	-13.9	4.3	-10.7	-13.9
28	5341	88.9	358.0	4752.5	698.3	698.3	-14.7	3.6	-11.1	-14.7



SURVEY CALCULATION PROGRAM

DIRECTIONAL DRILLING CONTRACTORS, LLC

OPERATOR:	PERENCO OIL & GAS	Supervisors:
WELL:	STATE 1724 # 311	MIKE HOLLAND
LOCATION:	EDDY COUNTY, N.M.	RICK MAST
JOB NUMBER:	MDR-4106	
COMMENTS:		
TIE IN TO SCIENTIFIC GYRO		
		MAG DEC. (-/+)
		9.1
		GRID CORR. (-/+)
		0.2
		TOTAL CORR. (-/+)
		9.3

DATE: 05/16/04

TIME: 4:45 PM

GRID TO TRUE

MINIMUM CURVATURE CALCULATIONS(SPE-3362)

PROPOSED DIRECTION

360.0

TARGET TRACKING
TO CENTER

SVY NUM	MD	INC	TRUE AZM	TVD	SECT	N-S	E-W	DLS/ 100	ABOVE(+) BELOW(-)	RIGHT(+) LEFT(-)
29	5373	88.5	358.4	4753.2	730.2	730.2	-15.7	1.8	-11.8	-15.7
30	5404	88.2	358.0	4754.1	761.2	761.2	-16.6	1.6	-12.6	-16.6
31	5436	87.6	358.0	4755.3	793.2	793.2	-17.8	1.9	-13.7	-17.8
32	5468	88.0	357.7	4756.5	825.1	825.1	-19.0	1.6	-14.9	-19.0
33	5500	87.1	357.4	4757.9	857.1	857.1	-20.3	3.0	-16.2	-20.3
34	5532	87.6	357.7	4759.4	889.0	889.0	-21.7	1.8	-17.6	-21.7
35	5563	89.7	358.7	4760.1	920.0	920.0	-22.7	7.5	-18.2	-22.7
36	5595	90.6	358.4	4760.0	952.0	952.0	-23.5	3.0	-18.1	-23.5
37	5627	90.3	358.4	4759.8	984.0	984.0	-24.4	0.9	-17.8	-24.4
38	5659	90.4	358.8	4759.6	1016.0	1016.0	-25.2	1.3	-17.5	-25.2
39	5691	91.7	359.1	4759.0	1047.9	1047.9	-25.7	4.2	-16.9	-25.7
40	5723	91.5	359.1	4758.1	1079.9	1079.9	-26.2	0.6	-15.9	-26.2
41	5755	90.8	358.4	4757.4	1111.9	1111.9	-26.9	3.1	-15.2	-26.9
42	5787	90.4	358.4	4757.1	1143.9	1143.9	-27.8	1.3	-14.8	-27.8
43	5816	89.9	357.7	4757.0	1172.9	1172.9	-28.8	3.0	-14.7	-28.8
44	5847	89.7	357.4	4757.1	1203.8	1203.8	-30.1	1.2	-14.7	-30.1
45	5879	88.7	357.0	4757.6	1235.8	1235.8	-31.7	3.4	-15.1	-31.7
46	5910	88.3	356.3	4758.4	1266.7	1266.7	-33.5	2.6	-15.8	-33.5
47	5941	90.8	357.4	4758.6	1297.7	1297.7	-35.2	8.8	-16.0	-35.2
48	5973	91.7	358.8	4757.9	1329.7	1329.7	-36.3	5.2	-15.2	-36.3
49	6005	90.1	357.4	4757.4	1361.6	1361.6	-37.3	6.6	-14.7	-37.3
50	6037	88.2	356.6	4757.9	1393.6	1393.6	-39.0	6.4	-15.1	-39.0
51	6069	88.3	357.4	4758.9	1425.5	1425.5	-40.7	2.5	-16.0	-40.7
52	6101	88.7	358.8	4759.7	1457.5	1457.5	-41.8	4.5	-16.8	-41.8
53	6133	88.9	359.5	4760.4	1489.5	1489.5	-42.2	2.3	-17.4	-42.2
54	6165	89.7	359.5	4760.8	1521.5	1521.5	-42.5	2.5	-17.7	-42.5
55	6197	89.9	359.5	4760.9	1553.5	1553.5	-42.8	0.6	-17.7	-42.8
56	6229	88.2	358.8	4761.4	1585.5	1585.5	-43.3	5.7	-18.2	-43.3
57	6261	87.6	358.0	4762.6	1617.4	1617.4	-44.2	3.1	-19.3	-44.2



SURVEY CALCULATION PROGRAM

ORIENTATIONAL DRILLING CONTRACTORS, LLC.

OPERATOR:	PERENCO OIL & GAS	Supervisors:
WELL:	STATE 1724 # 311	MIKE HOLLAND
LOCATION:	EDDY COUNTY, N.M.	RICK MAST
JOB NUMBER:	MDR-4106	

COMMENTS:							
TIE IN TO SCIENTIFIC GYRO	<table> <tr> <td>MAG DEC.(-/+)</td><td>9.1</td></tr> <tr> <td>GRID CORR.(-/+)</td><td>0.2</td></tr> <tr> <td>TOTAL CORR.(-/+)</td><td>9.3</td></tr> </table>	MAG DEC.(-/+)	9.1	GRID CORR.(-/+)	0.2	TOTAL CORR.(-/+)	9.3
MAG DEC.(-/+)	9.1						
GRID CORR.(-/+)	0.2						
TOTAL CORR.(-/+)	9.3						

DATE: 06/16/04	TIME: 4:45 PM	GRID TO TRUE	▼
----------------	---------------	--------------	---

MINIMUM CURVATURE CALCULATIONS(SPE-3382)					PROPOSED DIRECTION		360.0	TARGET TRACKING TO CENTER	
SVY NUM	MD	INC	TRUE AZM	TVD	SECT	N-S	E-W	DLS/100	ABOVE(+)/RIGHT(+) BELOW(-)/LEFT(-)

58	6293	88.2	358.4	4763.8	1649.4	1649.4	-45.2	2.3	-20.4 -45.2
59	6325	90.8	359.8	4764.1	1681.4	1681.4	-45.7	9.2	-20.6 -45.7
60	6357	91.8	359.5	4763.3	1713.4	1713.4	-45.9	3.3	-19.8 -45.9
61	6389	92.2	358.8	4762.2	1745.4	1745.4	-46.3	2.5	-18.6 -46.3
62	6420	92.2	359.1	4761.0	1776.3	1776.3	-46.9	1.0	-17.4 -46.9
63	6452	91.5	358.4	4760.0	1808.3	1808.3	-47.6	3.1	-16.3 -47.6
64	6484	91.8	358.0	4759.1	1840.3	1840.3	-48.6	1.6	-15.3 -48.6
65	6515	90.8	357.0	4758.4	1871.2	1871.2	-50.0	4.6	-14.5 -50.0
66	6548	89.2	356.3	4758.4	1904.2	1904.2	-51.9	5.3	-14.5 -51.9
67	6579	88.7	355.2	4758.9	1935.1	1935.1	-54.2	3.9	-15.0 -54.2
68	6611	90.1	355.9	4759.3	1967.0	1967.0	-56.7	4.9	-15.2 -56.7
69	6643	91.5	356.3	4758.8	1998.9	1998.9	-58.8	4.6	-14.7 -58.8
70	6675	89.7	355.2	4758.5	2030.8	2030.8	-61.2	6.6	-14.3 -61.2
71	6706	90.6	354.5	4758.4	2061.7	2061.7	-64.0	3.7	-14.2 -64.0
72	6738	90.1	353.8	4758.2	2093.5	2093.5	-67.3	2.7	-13.9 -67.3
73	6770	89.0	352.1	4758.5	2125.3	2125.3	-71.2	6.3	-14.1 -71.2
74	6802	90.8	352.4	4758.5	2157.0	2157.0	-75.5	5.7	-14.1 -75.5
75	6834	90.1	352.1	4758.3	2188.7	2188.7	-79.8	2.4	-13.8 -79.8
76	6866	90.3	351.4	4758.2	2220.4	2220.4	-84.4	2.3	-13.6 -84.4
77	6897	89.9	350.7	4758.1	2251.0	2251.0	-89.2	2.6	-13.5 -89.2
78	6928	90.6	351.4	4758.0	2281.6	2281.6	-94.0	3.2	-13.3 -94.0
79	6960	91.1	351.0	4757.5	2313.2	2313.2	-98.9	2.0	-12.7 -98.9
80	6992	90.3	350.3	4757.1	2344.8	2344.8	-104.1	3.3	-12.3 -104.1
81	7023	90.1	350.7	4757.0	2375.4	2375.4	-109.3	1.4	-12.1 -109.3
82	7056	91.0	350.7	4756.7	2407.9	2407.9	-114.6	2.7	-11.7 -114.6
83	7088	90.4	350.7	4756.3	2439.5	2439.5	-119.8	1.9	-11.3 -119.8
84	7120	90.1	351.7	4756.1	2471.1	2471.1	-124.7	3.3	-11.1 -124.7
85	7152	90.1	353.5	4756.1	2502.9	2502.9	-128.8	5.6	-10.9 -128.8
86	7184	89.6	355.9	4756.2	2534.7	2534.7	-131.7	7.7	-10.9 -131.7



SURVEY CALCULATION PROGRAM

INSPECTORIAL DRILLING CONTRACTORS, L.L.C.

OPERATOR:	PERENCO OIL & GAS	Supervisors:	
WELL:	STATE 1724 # 311	MIKE HOLLAND	
LOCATION:	EDDY COUNTY, N.M.	RICK MAST	
JOB NUMBER:	MDR-4106		
COMMENTS:			
TIE IN TO SCIENTIFIC GYRO		MAG DEC.(-/+)	9.1
		GRID CORR.(-/+)	0.2
		TOTAL CORR.(-/+)	9.3
DATE: 05/16/04		TIME: 4:45 PM	GRID TO TRUE

MINIMUM CURVATURE CALCULATIONS(SPE-3362)				PROPOSED DIRECTION				360.0	TARGET TRACKING TO CENTER	
SVY NUM	MD	INC	TRUE AZM	TVD	SECT	N-S	E-W	DLS/ 100	ABOVE(+) BELOW(-)	RIGHT(+) LEFT(-)
87	7216	90.1	355.9	4756.3	2566.7	2566.7	-134.0	1.6	-11.0	-134.0
88	7248	90.3	355.6	4756.1	2598.6	2598.6	-136.4	1.1	-10.8	-136.4
89	7279	90.1	354.5	4756.0	2629.5	2629.5	-139.1	3.6	-10.6	-139.1
90	7312	88.5	352.8	4756.4	2662.2	2662.2	-142.7	7.1	-10.9	-142.7
91	7343	88.3	352.8	4757.3	2693.0	2693.0	-146.6	0.8	-11.7	-146.6
92	7374	88.7	352.8	4758.1	2723.7	2723.7	-150.5	1.3	-12.5	-150.5
93	7405	91.1	353.5	4758.2	2754.5	2754.5	-154.2	8.1	-12.5	-154.2
94	7436	91.7	353.1	4757.4	2785.3	2785.3	-157.8	2.3	-11.7	-157.8
95	7469	91.5	352.4	4756.5	2818.0	2818.0	-162.0	2.2	-10.7	-162.0
96	7501	90.3	352.1	4756.0	2849.7	2849.7	-166.3	3.9	-10.1	-166.3
97	7533	91.1	352.1	4755.6	2881.4	2881.4	-170.7	2.5	-9.6	-170.7
98	7565	91.3	351.7	4754.9	2913.1	2913.1	-175.2	1.4	-8.9	-175.2
99	7596	89.9	351.0	4754.6	2943.7	2943.7	-179.8	5.0	-8.5	-179.8
100	7628	90.1	350.7	4754.6	2975.3	2975.3	-184.9	1.1	-8.5	-184.9
101	7660	90.3	350.7	4754.5	3006.9	3006.9	-190.1	0.6	-8.3	-190.1
102	7693	89.6	351.7	4754.5	3039.5	3039.5	-195.2	3.7	-8.2	-195.2
103	7725	89.4	353.5	4754.8	3071.2	3071.2	-199.3	5.7	-8.5	-199.3
104	7756	89.9	356.3	4755.0	3102.1	3102.1	-202.0	9.2	-8.6	-202.0
105	7788	90.6	357.4	4754.9	3134.1	3134.1	-203.8	4.1	-8.4	-203.8
106	7820	90.6	359.5	4754.5	3166.1	3166.1	-204.7	6.6	-8.0	-204.7
107	7851	90.1	0.5	4754.3	3197.0	3197.0	-204.7	3.6	-7.7	-204.7
108	7883	89.2	3.0	4754.5	3229.0	3229.0	-203.7	8.3	-7.8	-203.7
109	7915	89.4	4.7	4754.9	3261.0	3261.0	-201.5	5.3	-8.2	-201.5
110	7946	90.1	7.2	4755.0	3291.8	3291.8	-198.3	8.4	-8.2	-198.3
111	7979	90.6	8.9	4754.8	3324.5	3324.5	-193.7	5.4	-8.0	-193.7
112	8011	91.1	9.6	4754.4	3356.0	3356.0	-188.6	2.7	-7.4	-188.6
113	8042	91.5	8.9	4753.7	3386.6	3386.6	-183.6	2.6	-6.7	-183.6
114	8074	91.7	9.3	4752.8	3418.2	3418.2	-178.5	1.4	-5.7	-178.5
115	8106	90.4	9.3	4752.2	3449.8	3449.8	-173.3	4.1	-5.0	-173.3



SURVEY CALCULATION PROGRAM

PERENCOS DRILLING CONTRACTORS, LLC.

OPERATOR:	PERENCO OIL & GAS	Supervisors:
WELL:	STATE 1724 # 311	MIKE HOLLAND
LOCATION:	EDDY COUNTY, N.M.	RICK MAST
JOB NUMBER:	MDR-4106	
COMMENTS:		
TIE IN TO SCIENTIFIC GYRO		
		MAG DEC.(-/+) 9.1
		GRID CORR.(-/+) 0.2
		TOTAL CORR.(-/+) 9.3

DATE: 05/16/04

TIME: 4:45 PM

GRID TO TRUE

MINIMUM CURVATURE CALCULATIONS(SPE-3382)

PROPOSED DIRECTION

360.0

**TARGET TRACKING
TO CENTER**

SVY NUM	MD	INC	TRUE AZM	TVD	SECT	N-S	E-W	DLS/ 100	ABOVE(+) BELOW(-)	RIGHT(+) LEFT(-)
116	8138	90.1	8.9	4752.1	3481.4	3481.4	-168.3	1.6	-4.8	-168.3
117	8170	90.4	8.9	4751.9	3513.0	3513.0	-163.3	0.9	-4.6	-163.3
118	8201	90.8	7.5	4751.6	3543.7	3543.7	-158.9	4.7	-4.2	-158.9
119	8233	90.8	7.5	4751.1	3575.4	3575.4	-154.7	0.0	-3.7	-154.7
120	8264	90.4	6.8	4750.8	3606.2	3606.2	-150.9	2.6	-3.3	-150.9
121	8296	88.7	5.8	4751.1	3638.0	3638.0	-147.4	6.2	-3.5	-147.4
122	8329	88.9	5.4	4751.8	3670.8	3670.8	-144.1	1.4	-4.1	-144.1
123	8361	89.9	5.8	4752.1	3702.6	3702.6	-141.0	3.4	-4.4	-141.0
124	8393	90.1	5.4	4752.1	3734.5	3734.5	-137.9	1.4	-4.4	-137.9
125	8424	90.1	5.8	4752.0	3765.3	3765.3	-134.9	1.3	-4.2	-134.9
126	8456	90.4	5.4	4751.9	3797.2	3797.2	-131.7	1.6	-4.0	-131.7
127	8488	90.3	6.5	4751.7	3829.0	3829.0	-128.4	3.5	-3.8	-128.4
128	8520	91.3	6.5	4751.3	3860.8	3860.8	-124.8	3.1	-3.3	-124.8
129	8552	90.6	6.8	4750.7	3892.6	3892.6	-121.1	2.4	-2.7	-121.1
TD	8609	90.6	6.8	4750.1	3949.2	3949.2	-114.4	0.0	-1.9	-114.4