

PMESD-501 335837



TEXACO

FAX TRANSMITTAL COVER SHEET

NOTE: DO NOT USE BLUE OR RED INK OR PENCIL ON THIS FORM. THEY WILL NOT REPRODUCE

DATE: 4/26/00 ☒ URGENT ☐ ROUTINE NO. OF PAGES Cover + 3MESSAGE TO: Mr. Michael StognerTELEPHONE NO. _____ FAX MACHINE NO. 505-827-1389

DEPT./DIV./SUBS. _____

LOCATION _____ ROOM NO. _____

MESSAGE FROM: Phil RyanTELEPHONE NO. 915-688-4606 FAX MACHINE NO. 915-688-4831

DEPT./DIV./SUBS. _____

LOCATION _____ ROOM NO. _____

SENDING DEPT. APPROVAL _____ TIME TRANSMITTED _____

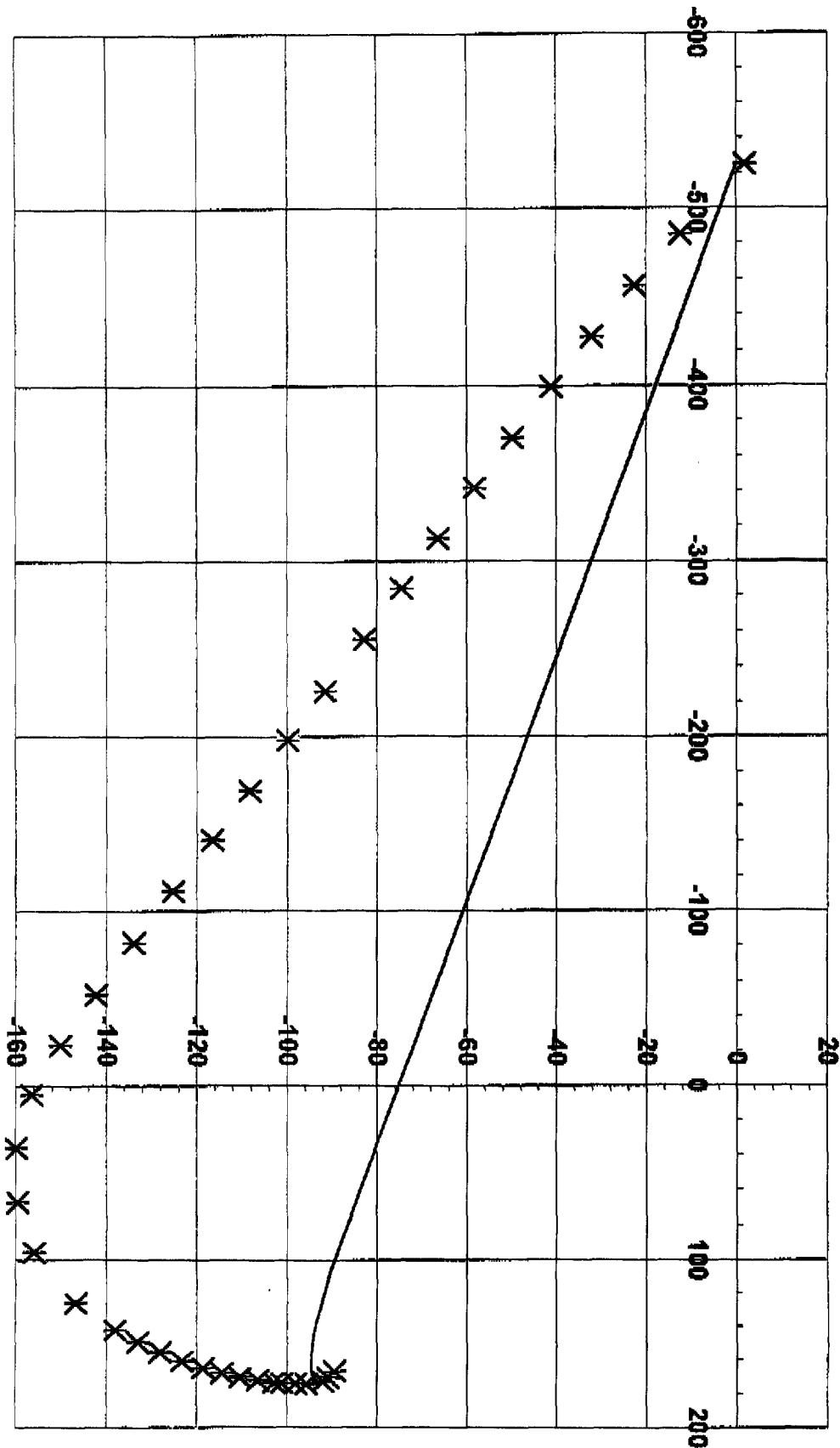
☐ RETURN ORIGINAL VIA INTER-OFFICE MAIL☐ RETURN ORIGINAL CALL SENDER TO PICK UP

ADDITIONAL COMMENTS:

Reentry of New Mexico 'E' State NET-2 # 21. ACTUAL Well PATH2. New Waiver - CHEVRON.

TEP1 - N.M. E State (NCT-2) No. 2

* Actual Well Path — Proposed Plan



04/26/2000

From: NERSCHELL GADDOYAK: +1(818)6348536

To: RICHARD BRINDLE

From: +1(606)396-2736

Page 2 of 2 - Saturday, April 22, 2000 5:27 AM

SCIENTIFIC DRILLING SERVICES

HORIZONTAL SURVEY PROGRAM

MINIMUM CURVATURE CALCULATIONS(SPE-3362)

OPERATOR: TEXACO E&P INC.

4/18/00

FILE: survey.tex.XLS

WELL: ENCT-2 #2

LOCATION: LEA CO. N.M.

JOB NO. 3200400133

DIP1 = -18.00 deg = 72.00 deg

-18.00 deg = 72.00 deg

TARGET1 = 7300 ft TVD

7,500 ft TVD

VS1 = -83.45 ft

525 ft

DATE: 4/22/00

TIME: 5:28 AM

DECLINATION=

0 DIR

270.00

SVY #	MEASURED DEPTH	INCL (DRIFT)	TRUE		CENTER					
			AZIMUTH (DIR)	VERTICAL DEPTH	VERTICAL SECTION	DLS/ 100	ABOVE(+) BELOW(-)	RIGHT(+) LEFT(-)	NORTH(+) SOUTH(-)	EAST(+) WEST(-)
TIE	7170	5.35	112.8	7164.5	-172.4	0.0	108.6	-92.0	-92.1	172.4
1	7200	12.10	178.6	7194.2	-173.7	38.8	76.5	-95.7	-95.7	173.7
2	7210	16.10	184.6	7203.9	-173.6	42.5	66.8	-98.2	-98.2	173.6
3	7220	19.40	189.1	7213.4	-173.3	35.7	57.4	-101.2	-101.2	173.3
4	7225	20.90	192.7	7218.1	-172.9	38.9	52.8	-102.9	-102.9	172.9
5	7235	23.90	200.4	7227.4	-171.8	41.9	43.9	-106.5	-106.5	171.8
6	7245	26.70	208.5	7236.4	-170.1	44.5	35.5	-110.4	-110.4	170.1
7	7255	30.10	214.5	7245.2	-167.8	44.4	27.5	-114.4	-114.4	167.6
8	7265	34.90	219.4	7253.6	-164.3	54.7	20.1	-118.7	-118.7	164.3
9	7275	41.30	224.3	7261.5	-160.2	70.7	13.6	-123.3	-123.3	160.2
10	7285	48.50	228.8	7268.6	-155.1	78.9	8.1	-128.1	-128.1	155.1
11	7295	55.30	232.8	7274.8	-149.0	74.6	4.0	-133.1	-133.1	149.0
12	7305	62.20	236.6	7279.9	-142.0	76.2	1.0	-138.0	-138.0	142.0
13	7325	71.70	248.1	7287.8	-125.8	64.5	-1.6	-146.8	-146.8	125.8
14	7358	72.20	259.8	7298.0	-95.9	39.5	-2.1	-155.9	-155.9	95.9
15	7389	72.50	266.1	7307.5	-66.6	19.4	-2.0	-159.6	-159.6	66.6
16	7421	73.30	272.8	7316.9	-36.1	20.2	-1.5	-159.9	-159.9	36.1
17	7453	74.10	279.5	7325.9	-5.6	20.2	-0.6	-156.6	-156.6	5.6
18	7484	73.30	285.1	7334.6	23.5	17.5	0.2	-150.2	-150.2	-23.5
19	7515	73.20	285.8	7343.5	52.1	2.2	0.5	-142.3	-142.3	-52.1
20	7547	74.00	286.2	7352.5	81.6	2.8	1.1	-133.9	-133.9	-81.6
21	7579	74.20	286.2	7361.3	111.2	0.6	1.9	-125.3	-125.3	-111.2
22	7611	71.80	286.5	7370.7	140.5	7.6	2.1	-116.7	-116.7	-140.5
23	7642	71.10	286.2	7380.5	168.7	2.4	1.4	-108.4	-108.4	-168.7
24	7674	71.60	286.5	7390.8	197.8	1.8	0.6	-99.9	-99.9	-197.8
25	7705	72.10	286.5	7400.4	226.1	1.6	0.2	-91.5	-91.5	-226.1
26	7737	73.30	286.5	7409.9	255.4	3.8	0.2	-82.8	-82.8	-255.4
27	7768	74.50	285.8	7418.5	284.0	4.4	0.9	-74.5	-74.5	-284.0
28	7799	73.30	285.8	7427.1	312.6	3.9	1.6	-66.4	-66.4	-312.6
29	7830	71.10	286.2	7436.6	341.0	7.2	1.3	-58.3	-58.3	-341.0
30	7862	71.30	286.2	7446.9	370.1	0.6	0.6	-49.8	-49.8	-370.1
31	7894	71.60	286.9	7457.0	399.2	2.6	-0.2	-41.2	-41.2	-399.2
32	7925	71.80	288.6	7466.7	427.2	5.2	-0.8	-32.2	-32.2	-427.2
33	7957	71.80	288.6	7476.7	456.1	0.0	-1.4	-22.5	-22.5	-456.1
34	7989	74.00	289.7	7486.1	484.9	7.6	-1.4	-12.5	-12.5	-484.9
TD	8033	74.00	289.7	7496.3	524.8	0.0	-0.6	1.8	1.8	-524.8

Att: Boyet.



Texaco North America Production
Permian Business Unit

500 North Loraine
Midland TX 79701

P O Box 3109
Midland TX 79702

April 25, 2000

Directional Drilling - Horizontal Re-entry
Non-Standard Location
New Mexico E State NCT-2 No. 2
S.L.: 2310' FNL & 2175' FWL
Sec. 23, T-19-S, R-36-E
Monument Abo
Lea County, New Mexico

Chevron U.S.A.
P. O. Box 1150
Midland, Texas 79702

Gentlemen:

Texaco is currently in the process of directionally drilling the captioned well. The well was drilled at a standard surface location. During the well preparation phase to directionally drill this well, a gyro survey was run. The survey revealed that the current BHL (2401' FNL & 2345' FWL @ 7141' MD) was non-standard to the South (91') and East (35'). The well was directionally drilled and reached TD at a standard BHL (2308' FNL & 1650' FWL) as was approved in the original permitting for this re-entry.

However, due to mechanical constraints, some additional deviation resulted (mostly to the South) in the actual well path. The final directional survey revealed a maximum encroachment to the South and East lease lines of 160' (170' setback) and 39' (291' setback), respectively.

As an offset operator of the captioned well, please sign this waiver which states that you don't object to the non-standard BHL as it pertains to your lease.

If you have no objection, please sign and fax a copy to me at (915) 688-4831 at your earliest convenience.

Sincerely,

R.J. Ryan

R.J. Ryan
Project Engineer

WAIVER APPROVED:

Gregory P. Hild Asset Mgr

COMPANY:

Chevron Prod. Co.

BY:

Gregory P. Hild

DATE:

April 26, 2000