

August 5, 1997



New Mexico Oil Conservation Division - Artesia
P.O. Drawer DD
Artesia, New Mexico 88210

Chevron U.S.A. Production Company
P.O. Box 1150
Midland, TX 79702

Amended C-104
Bogle Flats Unit #17
Indian Basin (Upper Penn)

AUG - 7 1997

Dear Sirs,

Please find attached an amended C-104 for the Bogle Flats Unit #17. This letter is in response to an OCD letter dated July 16, 1997 from Mr. Michael Stogner. In Mr. Stogner's letter he brought to our attention that the filed bottom hole location was in fact an unorthodox location, which was not consistent with Chevron's application for a standard location. Upon review we found that the bottom hole location was unwittingly filed incorrectly. In support of our amended C-104 attached please find a copy of the directional survey from the well. As shown in the survey the bottom hole location is in fact 1781' FNL and 1723' FEL Section 9, T22S, R23E.

It is our sincere hope that the above information will clear up the aforementioned problem. Should additional questions be necessary please feel free to contact Gregory Roberts at (915) 687-7766.

Sincerely,

A handwritten signature in cursive script that reads "Gregory C. Roberts".

Gregory C. Roberts
Sr. Petroleum Engineer

cc: Michael E. Stogner, Chief Hearing Officer/Engineer - OCD, Santa Fe

CHEVRON U.S.A.
Survey of Record

Bogle Flats No. 17
Eddy County, New Mexico

SUBMITTED BY:

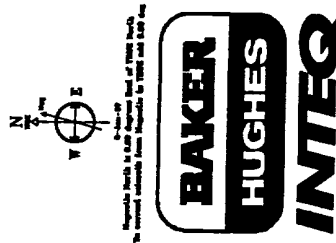
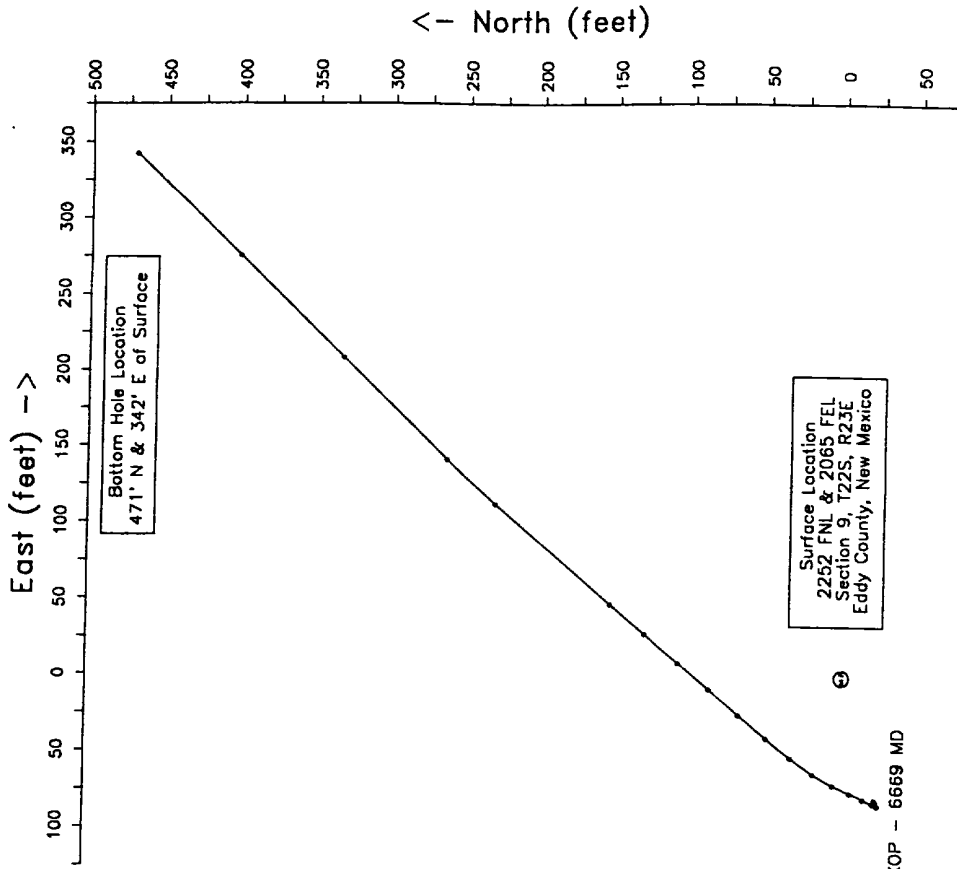
BAKER HUGHES *INTEQ*
WEST TEXAS DISTRICT



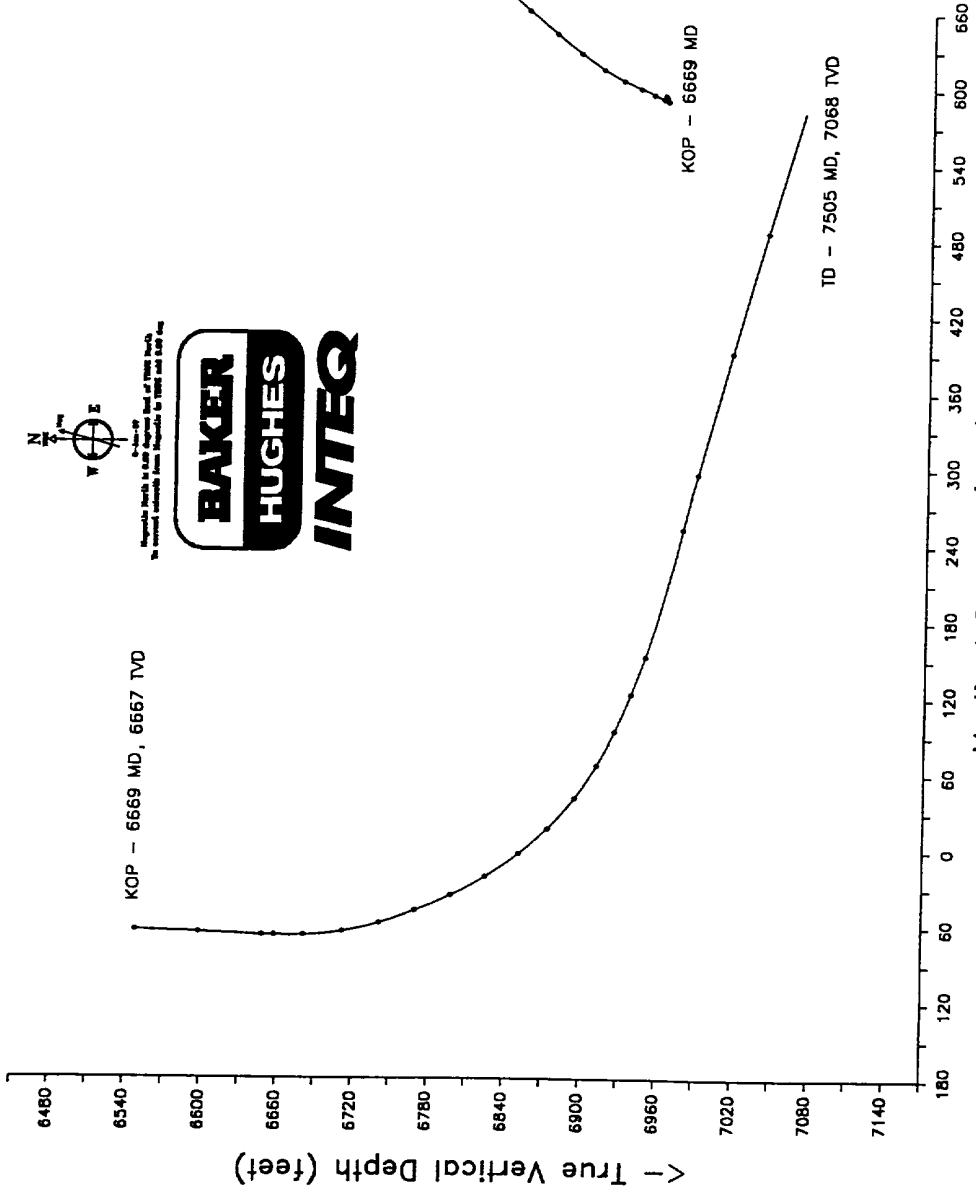


CHEVRON U.S.A.

Structure : BOGLE FLATS NO.17 Slot : slot #1
Field : Location : EDDY CO., NEW MEXICO



KOP - 5669 MD, 5667 TVD



Azimuth 34.58 with reference 0.00 N, 0.00 W from slot #1

CHEVRON U.S.A.
BOGLE FLATS NO.17

slot #1

EDDY CO., NEW MEXICO

S U R V E Y L I S T I N G

by
Baker Hughes INTEQ

Your ref :
Our ref : svy852
License :

Date printed : 17-Apr-97
Date created : 24-Mar-97
Last revised : 17-Apr-97

Field is centred on 0.000,0.000,0.00000,N
structure is centred on n32 20 0.000,w104 30 0.000,0

Slot location is d999 100 0.000,d999 100 0.000
Slot Grid coordinates are N 15632305.183, E -10718054.54
Slot local coordinates are 0.00 N 0.00 E

Projection type: mercator - UTM, Spheroid: Hayford
Reference North is True North

CHEVRON U.S.A.
BOGLE FLATS NO.17, slot #1
, EDDY CO., NEW MEXICO

SURVEY LISTING Page 1
Your ref :
Last revised : 17-Apr-97

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100ft	Vert Sect
6550.00	2.40	241.00	6548.30	22.80 S 79.40 W	0.00	-63.84
6600.00	2.20	239.00	6598.26	23.80 S 81.14 W	0.43	-65.65
6650.00	2.10	236.00	6648.22	24.81 S 82.72 W	0.30	-67.37
6660.00	2.10	236.00	6658.22	25.01 S 83.02 W	0.00	-67.72
6683.00	2.60	13.40	6681.21	24.74 S 83.25 W	19.05	-67.62
6714.00	9.80	25.00	6712.01	21.66 S 81.97 W	23.46	-64.36
6744.00	16.40	27.30	6741.21	15.58 S 78.95 W	22.06	-57.63
6774.00	21.80	20.70	6769.55	6.60 S 75.03 W	19.36	-48.02
6805.00	25.90	25.30	6797.90	4.92 N 70.10 W	14.51	-35.74
6836.00	31.60	32.60	6825.08	17.89 N 62.83 W	21.57	-20.92
6868.00	38.50	36.80	6851.26	32.95 N 52.33 W	22.83	-2.57
6898.00	45.70	39.00	6873.51	48.79 N 39.96 W	24.50	17.49
6930.00	52.50	40.20	6894.45	67.41 N 24.54 W	21.44	41.57
6961.00	60.20	39.60	6911.61	87.20 N 8.01 W	24.89	67.25
6991.00	65.20	39.80	6925.37	107.70 N 9.02 E	16.68	93.79
7023.00	68.30	40.20	6938.00	130.22 N 27.91 E	9.76	123.06
7055.00	71.60	40.20	6948.97	153.18 N 47.31 E	10.31	152.97
7160.00	77.00	40.00	6977.37	230.47 N 112.40 E	5.15	253.55
7205.00	75.00	44.00	6988.26	262.91 N 141.60 E	9.70	296.83
7305.00	75.00	44.00	7014.14	332.40 N 208.70 E	0.00	392.12
7405.00	74.00	44.00	7040.87	401.71 N 275.64 E	1.00	487.18
7505.00	74.00	44.00	7068.43	470.86 N 342.41 E	0.00	582.01

PROJECTION

All data is in feet unless otherwise stated.
Coordinates from slot #1 and TVD from rotary table.
Bottom hole distance is 582.20 on azimuth 36.02 degrees from wellhead.
Vertical section is from N 0.00 W 0.00 on azimuth 34.58 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ

CHEVRON U.S.A.
BOGLE FLATS NO.17, slot #1
, EDDY CO., NEW MEXICO

SURVEY LISTING Page 2
Your ref :
Last revised : 17-Apr-97

Comments in wellpath
=====

Comment

MD TVD Rectangular Coords.

7505.00 7068.43

470.86 N

342.41 E PROJECTION

Targets associated with this wellpath
=====

Target name

Geographic Location

T.V.D.

Rectangular Coordinates

Revised

7054.00

602.00N

415.00E

20-Mar-97