WELL FILE

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JUL 28 '94

O. C. D.
ARTESIA, OFFICE

DIG INC.
MIDLAND TEXAS

MAGNETIC DIRECTIONAL SURVEY
BY RADIUS OF CURVATURE

FOR

****
* BARBRA FASKIN *
****

JOB NUMBER:

WELL NAME: INEXCO FEDERAL 17 #2

LOCATION: EDDY CO. NEW MEXICO

SURVEY DATE: 3-20-94

SURVEY ENGINEER: P.HENDRICKS

MAGNETIC DECLINATION: N10.00E

TIE-ON COORDINATES AT: 4950 M.D.
TAKEN FROM: GYRO MULTI-SHOT SURVEY

VERTICAL SECTION CALCULATED IN A
PROPOSAL DIRECTION OF: N10.30E

****
****** DEPTH MEASURED IN FEET *******
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COMMENTS:

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*** THIS DIRECTIONAL SURVEY REPORT IS ****
** CORRECT TO THE BEST OF MY KNOWLEDGE ***
* AND IS SUPPORTED BY ACTUAL FIELD DATA! *
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COMPANY REPRESENTATIVE

DIG INC.
MIDLAND TEXAS

JOB NUMBER:

WELL NAME: INEXCO FEDERAL 17 #2

INRUN SURVEY
BY RADIUS OF CURVATURE

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	INCL	BEARING AZIMUTH	COORDINATES LATITUDE	COORDINATES DEPARTURE	D-LEG /100	D-LEG /CL	STATION DISP.	DISPLACEMENT DIRECTION
4950.0	4947.67	61.11	02.82	298.68	60.71 N	7.01 W	0.00		61.11	AT 353.41
4988.0	4985.63	59.02	02.75	296.00	61.56 N	8.65 W	0.39	0.15	62.16	AT 352.00
5082.0	5079.47	61.71	03.75	326.00	65.02 N	12.63 W	2.06	1.94	66.23	AT 349.01
5175.0	5172.09	68.68	06.50	350.00	72.66 N	15.72 W	3.69	3.43	74.34	AT 347.73
5268.0	5264.24	80.73	09.00	359.00	85.13 N	16.92 W	2.98	2.77	86.80	AT 348.76
5361.0	5355.74	97.13	11.50	007.00	101.64 N	16.05 W	3.09	2.87	102.90	AT 351.03
5455.0	5447.51	117.43	13.50	006.00	121.86 N	13.75 W	2.14	2.01	122.63	AT 353.56
5548.0	5537.85	139.49	14.00	007.00	143.82 N	11.25 W	0.60	0.55	144.25	AT 355.53
5642.0	5628.95	162.50	14.50	362.00	166.68 N	9.43 W	1.41	1.33	167.14	AT 356.76
5735.0	5718.89	185.67	15.00	355.00	190.53 N	10.05 W	1.99	1.85	190.80	AT 356.98
5829.0	5809.68	208.53	15.00	346.00	214.50 N	14.06 W	2.48	2.33	214.36	AT 356.25
5922.0	5899.52	230.11	15.00	342.00	237.64 N	20.70 W	1.11	1.04	238.54	AT 355.02
6015.0	5989.35	252.11	15.00	351.00	261.02 N	26.31 W	2.50	2.33	262.34	AT 354.24
6109.0	6079.93	276.42	16.00	001.00	286.04 N	28.06 W	3.03	2.85	287.42	AT 354.40
6202.0	6169.04	302.93	17.25	012.00	312.44 N	25.05 W	3.63	3.38	313.44	AT 355.42
6296.0	6258.50	331.73	18.50	015.00	340.49 N	18.32 W	1.65	1.55	340.98	AT 356.92
6389.0	6346.63	361.33	18.75	015.00	369.18 N	10.63 W	0.27	0.25	369.33	AT 358.35
6483.0	6435.77	391.11	18.25	012.00	398.18 N	3.67 W	1.14	1.08	398.20	AT 359.47
6576.0	6524.16	420.03	18.00	012.00	426.48 N	2.35 E	0.27	0.25	426.49	AT 000.32
6669.0	6612.73	448.18	17.25	011.00	454.07 N	7.96 E	0.87	0.81	454.14	AT 001.00
6763.0	6702.92	474.87	15.75	011.00	480.28 N	13.05 E	1.60	1.50	480.46	AT 001.56
6856.0	6792.59	499.53	15.00	010.00	504.52 N	17.55 E	0.86	0.80	504.83	AT 001.99
6950.0	6882.82	525.83	17.50	010.00	530.43 N	22.12 E	2.66	2.50	530.89	AT 002.39
7043.0	6970.88	555.72	20.00	010.00	559.86 N	27.31 E	2.69	2.50	560.53	AT 002.79
7137.0	7059.49	587.10	19.00	010.00	590.76 N	32.75 E	1.06	1.00	591.67	AT 003.17
7230.0	7146.44	620.01	22.50	006.00	623.38 N	37.34 E	4.06	3.77	624.50	AT 003.43
7324.0	7233.13	656.28	23.00	007.00	659.50 N	41.45 E	0.67	0.63	660.80	AT 003.60
7417.0	7318.41	693.30	24.00	007.00	696.30 N	45.97 E	1.08	1.00	697.82	AT 003.78
7510.0	7403.37	731.05	24.00	006.00	733.89 N	50.25 E	0.44	0.41	735.60	AT 003.92
7604.0	7489.58	768.42	23.00	006.00	771.16 N	54.17 E	1.06	1.00	773.06	AT 004.02
7697.0	7575.18	804.66	23.00	006.00	807.30 N	57.97 E	0.00	0.00	809.38	AT 004.11
7791.0	7661.71	841.32	23.00	008.00	843.75 N	62.45 E	0.83	0.78	846.06	AT 004.23
7884.0	7747.24	877.84	23.25	011.00	879.77 N	68.47 E	1.29	1.20	882.43	AT 004.45
7978.0	7833.61	914.94	23.25	009.00	916.31 N	74.92 E	0.84	0.79	919.37	AT 004.67
8071.0	7918.97	951.77	23.50	005.00	952.93 N	79.41 E	1.73	1.61	956.23	AT 004.76
8164.0	8004.26	988.73	23.50	006.00	989.84 N	82.97 E	0.43	0.40	993.31	AT 004.79
8258.0	8090.13	1026.85	24.50	006.00	1027.87 N	86.86 E	1.06	1.00	1031.54	AT 004.84

DIG INC.
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MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	INCL	BEARING AZIMUTH	COORDINATES LATITUDE	COORDINATES DEPARTURE	D-LEG /100	D-LEG /CL	STATION DISP.	DISPLACEMENT DIRECTION
8351.0	8174.16	1066.41	26.25	361.00	1067.63 N	89.40 E	2.97	2.77	1071.37	AT 004.79
8445.0	8258.00	1108.15	27.50	358.00	1110.12 N	89.03 E	1.96	1.84	1113.68	AT 004.58
8538.0	8340.12	1150.88	28.50	359.00	1153.76 N	87.88 E	1.19	1.10	1157.10	AT 004.36
8632.0	8422.63	1195.12	28.75	360.00	1198.79 N	87.49 E	0.57	0.54	1201.98	AT 004.17
8725.0	8504.26	1238.88	28.50	359.00	1243.35 N	87.10 E	0.58	0.54	1246.39	AT 004.01
8818.0	8585.89	1282.58	28.75	359.00	1287.90 N	86.32 E	0.27	0.25	1290.79	AT 003.83
8912.0	8668.89	1325.77	27.25	358.00	1332.01 N	85.17 E	1.67	1.57	1334.73	AT 003.66
9005.0	8751.66	1367.12	27.00	357.00	1374.37 N	83.32 E	0.56	0.52	1376.89	AT 003.47
9099.0	8835.87	1407.84	25.75	358.00	1416.09 N	81.50 E	1.41	1.33	1418.43	AT 003.29
9192.0	8920.49	1445.59	23.25	359.00	1454.64 N	80.49 E	2.72	2.53	1456.86	AT 003.17
9286.0	9007.26	1481.11	22.00	000.00	1490.80 N	80.17 E	1.39	1.31	1492.95	AT 003.08
9379.0	9092.34	1516.95	23.75	006.00	1526.88 N	82.06 E	3.13	2.91	1529.08	AT 003.08
9472.0	9178.93	1552.30	21.00	009.00	1561.97 N	86.68 E	3.20	2.98	1564.38	AT 003.18
9566.0	9266.54	1586.36	21.50	012.50	1595.44 N	93.04 E	1.45	1.36	1598.15	AT 003.34
9659.0	9351.13	1624.86	27.50	014.00	1632.96 N	101.87 E	6.49	6.03	1636.13	AT 003.57
9753.0	9434.51	1668.17	27.50	014.00	1675.08 N	112.37 E	0.00	0.00	1678.84	AT 003.84
9846.0	9517.18	1710.69	27.00	013.00	1716.48 N	122.31 E	0.73	0.68	1720.83	AT 004.08
9936.0	9597.90	1750.43	25.50	014.00	1755.19 N	131.60 E	1.74	1.56	1760.11	AT 004.29
10033.0	9685.63	1791.71	25.00	014.50	1795.29 N	141.79 E	0.56	0.54	1800.88	AT 004.52
10126.0	9770.34	1829.96	23.75	015.50	1832.36 N	151.72 E	1.42	1.32	1838.63	AT 004.73
10220.0	9856.21	1867.39	24.25	017.00	1869.07 N	162.42 E	0.84	0.79	1876.11	AT 004.97
10313.0	9941.34	1905.22	23.25	016.00	1904.98 N	173.06 E	1.16	1.08	1912.82	AT 005.19
10407.0	10027.94	1941.57	22.50	016.50	1940.06 N	183.28 E	0.82	0.77	1948.70	AT 005.40
10500.0	10114.32	1975.81	21.00	017.00	1973.06 N	193.22 E	1.63	1.51	1982.49	AT 005.59
10594.0	10202.29	2008.66	20.25	018.00	2004.63 N	203.17 E	0.88	0.83	2014.90	AT 005.79
10687.0	10289.62	2040.33	20.00	019.00	2034.98 N	213.33 E	0.46	0.43	2046.13	AT 005.98
10780.0	10377.15	2071.39	19.50	019.00	2064.69 N	223.56 E	0.54	0.50	2076.76	AT 006.18
10874.0	10465.89	2102.07	19.00	018.00	2094.08 N	233.39 E	0.64	0.60	2107.05	AT 006.36
10967.0	10553.89	2131.81	18.75	020.00	2122.53 N	243.18 E	0.75	0.69	2136.41	AT 006.54
T/perf	11042				2199.44	251.16				835 FNL & 1543
11061.0	10642.97	2161.40	18.50	020.00	2150.74 N	253.45 E	0.27	0.25	2165.62	AT 006.72 829 FNL & 1546
11154.0	10731.35	2189.87	17.75	021.00	2177.84 N	263.58 E	0.87	0.81	2193.73	AT 006.90
11248.0	10821.36	2216.40	15.75	023.00	2202.95 N	273.73 E	2.21	2.08	2219.89	AT 007.08
11341.0	10911.13	2240.02	14.50	024.00	2225.21 N	283.41 E	1.37	1.28	2243.18	AT 007.26

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11368.0	10937.27	2246.59	14.50	024.00	2231.38 N	286.16 E	0.00	0.00	2249.66	AT 007.31

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*
* THE HORIZONTAL DISPLACEMENT AT THE DEPTH OF *
*
* 11368.0 FEET EQUALS 2249.66 FEET AT 007.31 *
*
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P.O. BOX 1980
HOBBS, NEW MEXICO 88240

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

RECEIVED
MAY 06 '94
OCD
ARTESIA, OFFICE

5. Lease Designation and Serial No.: NM-84

6. If Indian, Allottee or Tribe Name:

7. If Unit or CA, Agreement Designation:

1. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator: Barbara Fasken

8. Well Name and No.: Inexco Fed. "17" Com. No. 2

3. Address and Telephone No.: 303 W. Wall Ave., Suite 1900, Midland, TX 79701-5116 (915) 687-1777

9. API Well No.: 30-015-27804

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SHL: 2300' FSL & 1800' FEL
BHL: 749' FNL & 1514' FEL @ 11,368' MD & 10,937' TVD
Sec. 17, T21S, R26E

10. Field and Pool, or Exploratory Area: Catclaw Draw - Morrow

11. County or Parish, State: Eddy Co., NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other _____	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

2-14-94: Drilled 7-7/8" hole to 5000' KOP. Logged well with DIL and Spectral Density Dual Spaced Neutron Log. Kicked off borehole and built angle to 23-1/4°.

2-25-94: At 8187', hydrotested BOP's, choke manifold and safety valves to 3000 psi. Tested 2100' of 8-5/8" casing to 2300 psi and tested annular preventor to 1500 psi.

3-2-94: Mudded up at 9332'. 42 sec. vis, 9.6 ppg, 9.0 pH, 11 cc water loss, 4% KCl.

3-17-94: DST No. 1: 11,153'-11,173', see attached report.

3-20-94: TD wellbore at 11,368' MD at 749' FNL & 1514' FEL @ 10,937' TVD.

3-23-94: Set 4½" 13.50#/ft. & 11.60#/ft. N-80 casing @ 11,370' KB with DV tool @ 4396'. Cemented 1st stage with 340 sx HLH with 0.4% Halad-322 and 3#/sx KCl (s.w. 12.7 ppg, yield 1.84 cuft/sx) plus 450 sx Class "H" with 0.4% Halad-322, 0.4% Halad-344 and 3#/sx KCl (s.w. 16.0 ppg, yield 1.12 cuft/sx). Plug down @ 11:30 p.m. CDT 3/23/94. Did not circulate cement. Cemented 2nd stage with 140 sx HLC with 5#/sx Salt (s.w. 12.4 ppg, yield 1.97 cuft/sx) plus 810 sx Class "C" with 2½#/sx salt and 0.4% Halad-322. (s.w. 14.8 ppg, yield 1.36 cuft/sx). Plug down @ 7:00 a.m. CDT 3/24/94. Lost total returns after pumping 600 sx of tail slurry.

14. I hereby certify that the foregoing is true and correct

Signed Tammy R. Taylor Title Drilling & Production Engineer Date 4-13-94

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

ACCEPTED FOR RECORD
SJS
MAY 3 1994

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

BARBARA FASKEN
INEXCO FEDERAL "17" NO. 2
A.F.E. NO. 800
DRILL AND COMPLETE

DST No. 1 11,153'-11,173'
O.T. @ 10:57 p.m. C.D.T. 3-17-94 with weak blow
1" - 1/4" in bucket
3" - 5" in bucket
5" - 3 oz. on bubble hose
10" - 3-1/2 oz. on bubble hose
15" - 3-1/2 oz. on bubble hose
Closed tool for 60 mins.
Reopened tool with weak blow
5" - 5" in bucket
10" - 2-1/2 oz. on bubble hose
30" - 2 oz.
60" - 2 oz.
Closed tool for final shut-in of 3 hrs.
Recovery: 120' drilling mud. Chlorides 19,544 ppm.
Sampler: 2400 cc drilling mud. Chlorides 19,544 ppm.
0 pressure
Pit Chlorides: 19,544 ppm
BHT = 175 deg. F

	Inside	Outside
IHP	5395	5417
IPFP	55	57
FPFP	55	57
ISIP	277	227
IFP	55	57
FFP	55	57
FSIP	499	510
FHP	5395	5417