



**Southwestern Energy
Company**

2350 N. Sam Houston Parkway East
Suite 300
Houston, Texas 77032
(281) 618-4700 FAX: (281) 618-4818

February 19, 2007

Richard Ezeanyim
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505



30-015-35500

Dear Mr. Ezeanyim:

Pursuant to Division Rule 104.F.(2), Southwestern Energy Production Company is requesting approval for of an unorthodox oil well location for the following well:

Well: Corral Fly Federal No. 2-H
Location: 2,520' feet FNL & 660 feet FEL
Well Unit: SE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 10, Township 25 South, Range 29 East,
N.M.P.M., Eddy County, New Mexico

The well will be drilled to test the Cherry Canyon 4 formation (West Corral Canyon, Delaware Pool). The pool is spaced on 40 acres, with wells to be located no closer than 330 feet to a quarter-quarter section line and for the subject well an exception to this 330' requirement is requested. A form C-102 is attached as Exhibit A.

The proposed location is based on engineering reasons. The proposed well, Corral Fly Federal #2-H, will be directionally drilled from an unorthodox surface location 2,520 feet from the North Line and 660 feet from the East Line of Section 10 to a bottom hole location 200 feet from the North Line and 660 feet from the East line.

The well plan consists of drilling a vertical pilot hole to 5,600' MD and run wireline logs to confirm the Cherry Canyon 4 target zone. The well will be plugged back and prepared to the estimated KOP (kick off point) at 4,823' MD/TVD. The hole will be directional drilled utilizing a build rate of 12°/100' to penetrate the Cherry Canyon 4 Sand at 5,573' MD / 5,300' TVD at 90° of angle. The Cherry Canyon 4 will be intersected at 2,998' FNL and 660' FEL of Section 10 T25S R29E. The well will continue laterally (90°) for ±2320' of vertical displacement. The proposed BHL will be 200' FNL & 660' FEL of section 10. The top of the Delaware will be intersected at 3145' MD/TVD at 2,520' FNL and 660' FEL of Section 10. A drilling prognosis, directional plot, and proposed survey report are attached as Exhibit B.

Production casing will be run and cemented to TD. The Cherry Canyon 4 Sand will be selectively perforated, with all perforations being placed in accordance of a standard location of Section 10 T25S R29E (greater than 330' from any lease line).

By placing the surface location at 2,520' FNL and 660' FEL of Section 10, the maximum amount of reservoir rock in the Cherry Canyon 4 Sand in the producing area can be penetrated and produced.

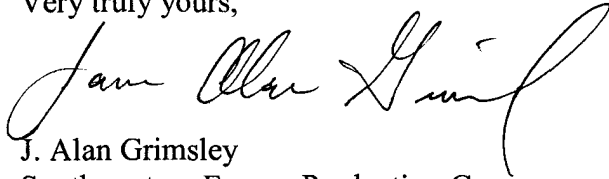
Attachment C is a list of all interest owners that will be affected with the unorthodox surface location. Each interest owner has been provided a copy of this request via certified mail.

Furthermore, Southwestern Energy Production Company has gained 100% access to the mineral interests to the Cherry Canyon formation in the Delaware Mountain Group of Section 10 via farmout agreement with EOG (Lease Serial No. NM-15303). A land plat is attached as Exhibit D.

Your expedited approval of this unorthodox location is requested.

If you have any questions, I can be reached at 281-618-4068 or by email at alan_grimsley@swn.com.

Very truly yours,

A handwritten signature in cursive script, appearing to read "J. Alan Grimsley".

J. Alan Grimsley
Southwestern Energy Production Co.

Attachments
CC: District 2
BLM – Carlsbad Office

DISTRICT I
1625 N. FRENCH DR., BOBBS, NM 86240

DISTRICT II
1301 W. GRAND AVENUE, ARTERIA, NM 86210

DISTRICT III
1000 Rio Brazos Rd., Artec, NM 87410

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
Property Code	Property Name CORRAL FLY FEDERAL	Well Number 2H
OGRID No.	Operator Name SOUTHWESTERN ENERGY PRODUCTION COMPANY	Elevation 3059'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	10	25-S	29-E		2520	NORTH	660	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	10	25-S	29-E		200	NORTH	660	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

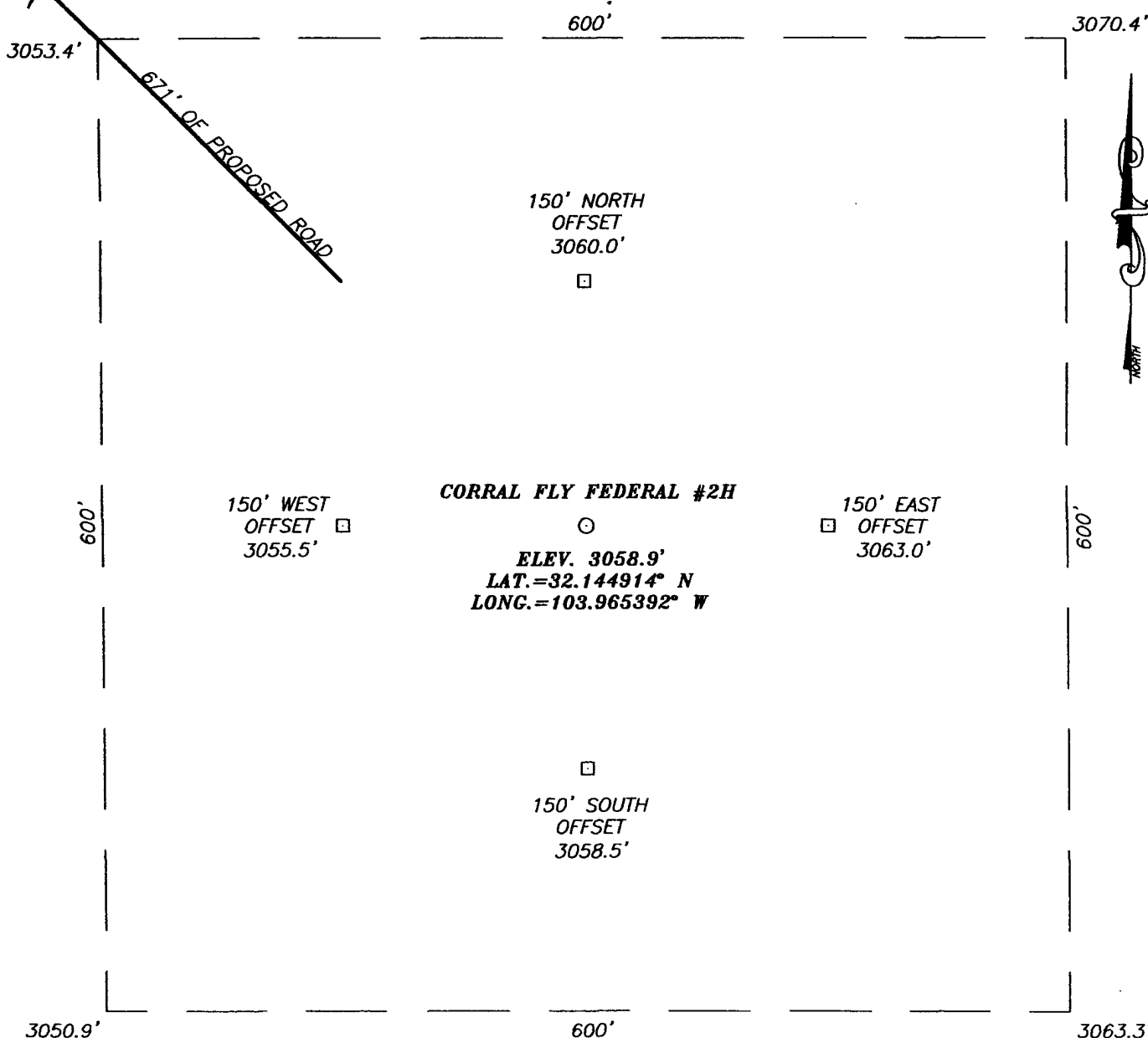
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

BOTTOM HOLE Y=418955.5 N X=613873.9 E GR. AZ.=359°50'01" H. DIST.=2320.1' Project Area Producing Area 3053.4' 3070.4' 3050.9' 3063.3' 660' 660' 2520' 660' 660'	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>James Alan Grimsley</i> 1/12/07 Signature Date JAMES ALAN GRIMSLEY Printed Name
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.
	DECEMBER 19, 2006 Date Surveyed JR Signature & Seal of Professional Surveyor <i>Gary H. Edmon</i> 1/2/06 06.11.2000
	Certificate No. GARY EDMON 12841 CHAD BARGROW 17777
GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=416636.0 N X=613880.5 E LAT.=32.144914° N LONG.=103.965392° W	

SECTION 10, TOWNSHIP 25 SOUTH, RANGE 29 EAST, N.M.P.M.,

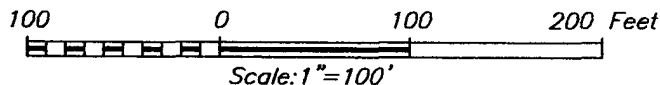
EDDY COUNTY,

NEW MEXICO



DIRECTIONS TO LOCATION

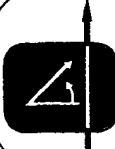
FROM THE INTERSECTION OF U.S. HWY. #285 AND CO. RD. #725 (WHITEHORN RD.), GO NORTHEAST ON CO. RD. #725 APPROX. 5.5 MILES. TURN LEFT AND GO NORTH APPROX. 4.2 MILES. VEER RIGHT AND GO NORTHEAST APPROX. 1.0 MILE TO A PROPOSED ROAD SURVEY. FOLLOW PROPOSED ROAD SURVEY SOUTHEAST APPROX. 883 FEET TO THIS LOCATION.



SOUTHWESTERN ENERGY PRODUCTION COMPANY

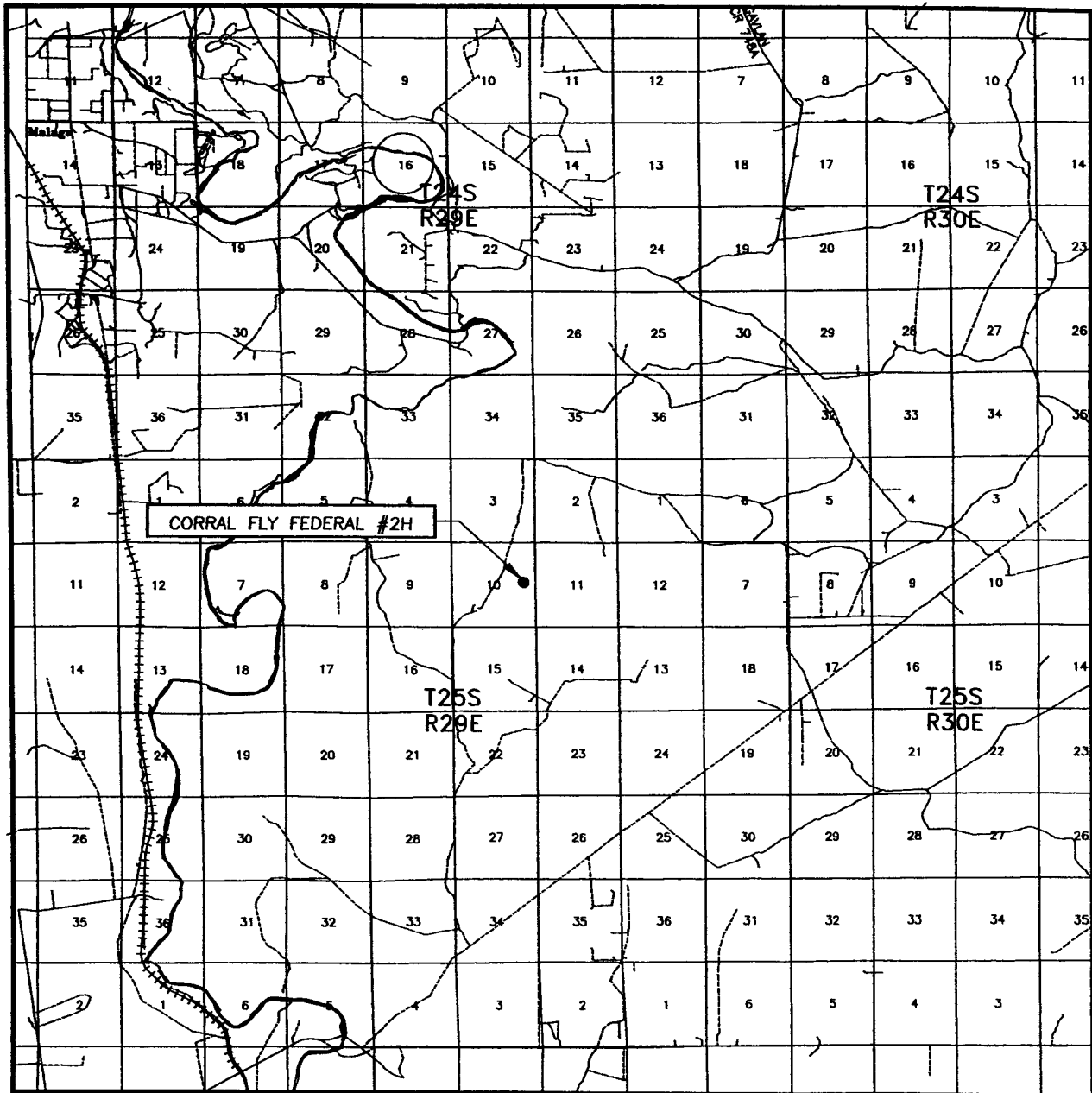
CORRAL FLY FEDERAL #2H
LOCATED 2520 FEET FROM THE NORTH LINE
AND 660 FEET FROM THE EAST LINE OF SECTION 10,
TOWNSHIP 25 SOUTH, RANGE 29 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.

Survey Date: 12/19/06	Sheet 1 of 1 Sheets
W.O. Number: 06.11.2000	Dr By: J.R.
Date: 12/28/06	Disk: CD#6
06112000	Scale: 1"=100'



PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 88240
(505) 393-3117

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 10 TWP. 25-S RGE. 29-E

SURVEY N.M.P.M.

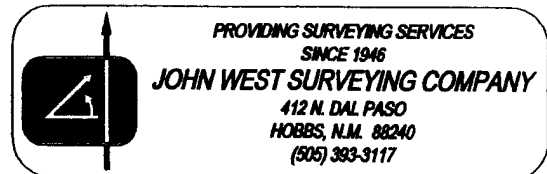
COUNTY EDDY STATE NEW MEXICO

DESCRIPTION 2520' FNL & 660' FEL

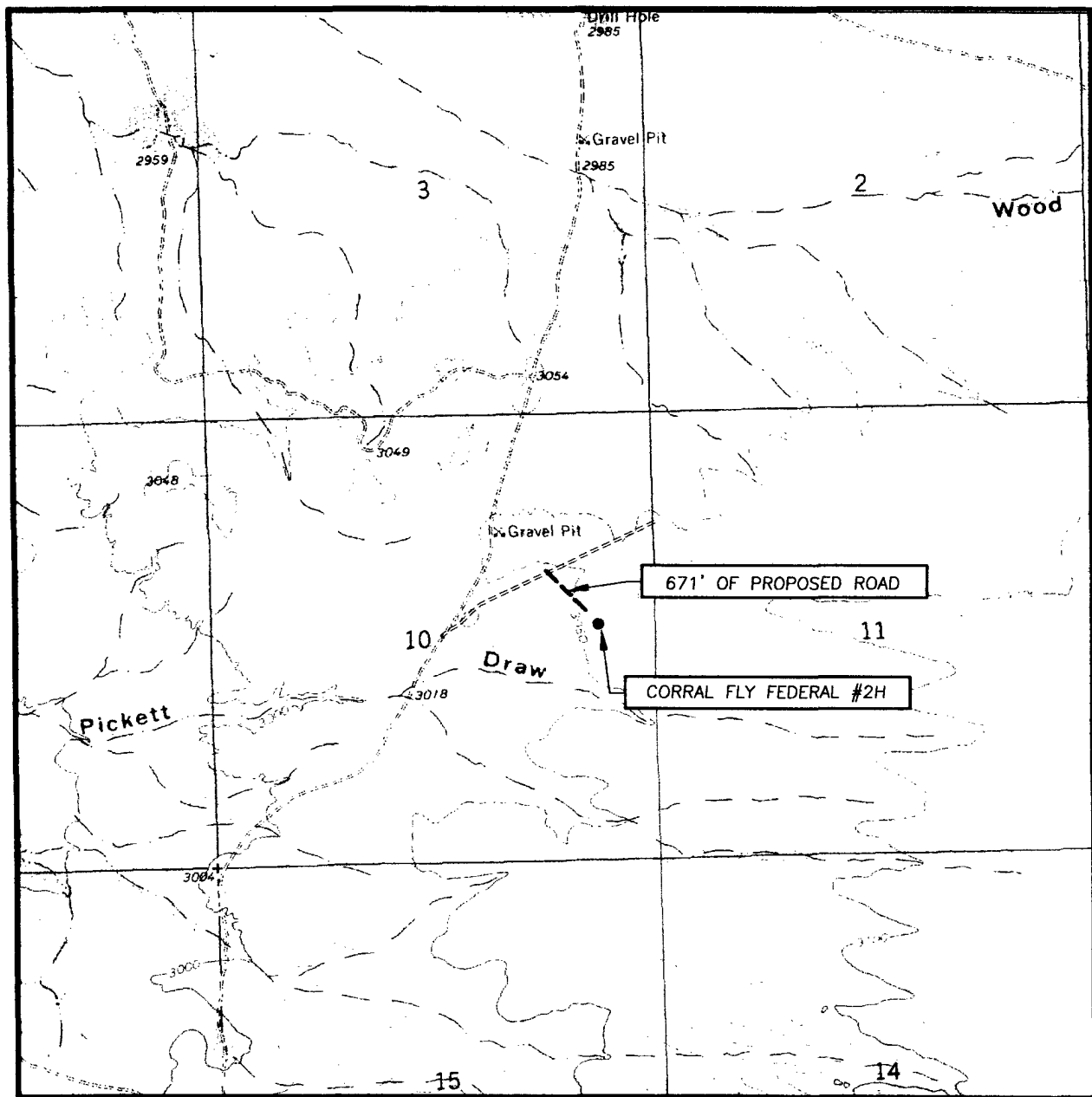
ELEVATION 3059'

OPERATOR SOUTHWESTERN ENERGY PRODUCTION COMPANY

LEASE CORRAL FLY FEDERAL



LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
PIERCE CANYON, N.M. - 10'

SEC. 10 TWP. 25-S RGE. 29-E

SURVEY N.M.P.M.

COUNTY EDDY STATE NEW MEXICO

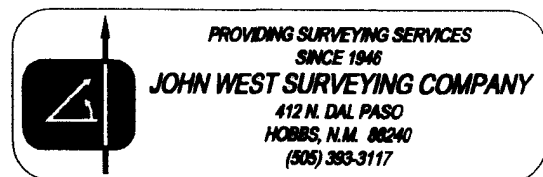
DESCRIPTION 2520' FNL & 660' FEL

ELEVATION 3059'

OPERATOR SOUTHWESTERN ENERGY
PRODUCTION COMPANY

LEASE CORRAL FLY FEDERAL

U.S.G.S. TOPOGRAPHIC MAP
PIERCE CANYON, N.M.





DRILLING PROGNOSIS
Southwestern Energy Production Company

WELL NAME: Corral Fly Federal #2-H

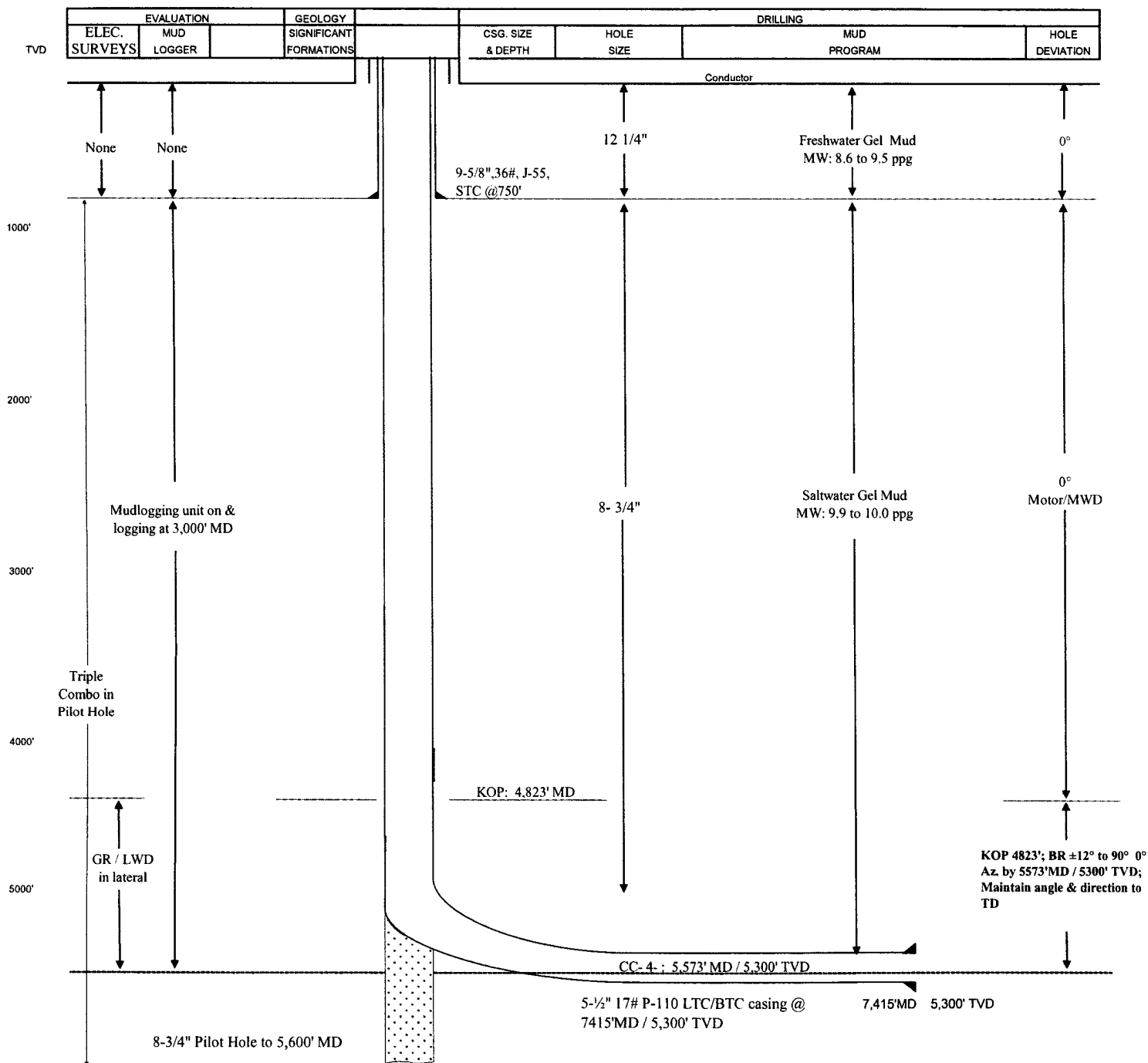
AFE NO.

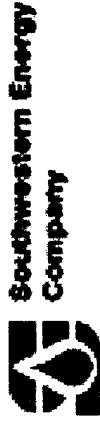
LOCATION: Sec. 10, T25S, R29E
Eddy County NM
SL: 2520' FSL 660' FEL
BHL: 200' FNL 660' FEL
TGT ENTRY PT: 2,998' FNL 660' FEL

PROSPECT: Corral Fly

OBJECTIVE: Cherry Canyon Sd, CC-4

EST. ELEVATION: GL 3059'; RKB $\pm 16''$





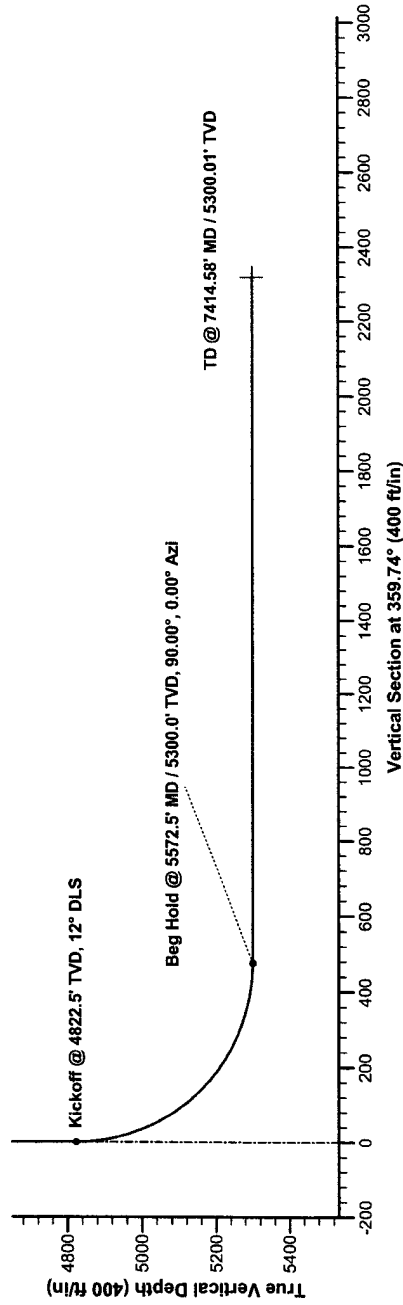
Southwestern Energy Production Co.
Corral Fly Federal #2H
Corral Fly Section 10 - T25S R29E
Eddy County New Mexico
Plan #1 - Rev 1



Rev 1 :
Surface Location revised to Actual
Coordinates (2-16-07)

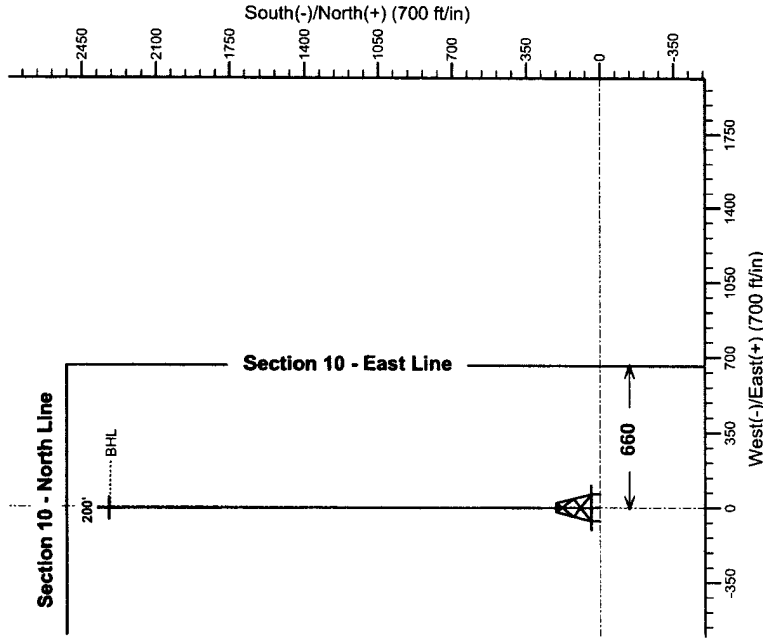
Surface Location	Ground Elevation:	6300.00 ESTIMATED RKB @ 6325.01 ft (RIG NOT SPECIFIED)				Slot
	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
	0.00	-0.05	416636.00	613880.50	32° 8' 41.683N	103° 57' 55.425W

TARGET LOCATIONS					
Name	TVD	+N/-S	+E/-W	Northing	Easting
BHL	5300.01	2319.50	-6.65	418955.50	613873.90



SECTION DETAILS									
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
1	0.00	0.00	359.84	0.00	0.00	-0.05	0.00	0.00	0.00
2	4822.54	0.00	359.84	4822.54	0.00	-0.05	0.00	0.00	0.00
3	5572.55	90.00	359.84	5300.01	477.46	-1.41	12.00	359.84	477.47
4	7414.59	90.00	359.84	5300.01	2319.50	-6.65	0.00	0.00	2319.51

BHL (Corral Fly Federal #2H)



Phil Lyons 2/16/2007

Southwestern Energy Production Co.

**Eddy County New Mexico
Corral Fly Section 10 - T25S R29E
Corral Fly Federal #2H
Wellbore #1**

Plan: Plan #1 - Rev 1

Standard Planning Report

16 February, 2007

Crescent Directional Drilling

Planning Report

Database: COMPASS_2003.11_CDDSVR	Local Co-ordinate Reference: Well Corral Fly Federal #2H	
Company: Southwestern Energy Production Co.	TVD Reference: ESTIMATED RKB @ 6325.01ft (RIG NOT SPECIFIED)	
Project: Eddy County New Mexico	MD Reference: ESTIMATED RKB @ 6325.01ft (RIG NOT SPECIFIED)	
Site: Corral Fly Section 10 - T25S R29E	North Reference: Grid	
Well: Corral Fly Federal #2H	Survey Calculation Method: Minimum Curvature	
Wellbore: Wellbore #1		
Design: Plan #1 - Rev 1		

Project	Eddy County New Mexico		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Corral Fly Section 10 - T25S R29E				
Site Position:		Northing:	608,723.22 ft	Latitude:	32° 40' 24.286" N
From:	Map	Easting:	460,993.92 ft	Longitude:	104° 27' 36.359" W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	-0.07 °

Well	Corral Fly Federal #2H					
Well Position	+N/-S	0.00 ft	Northing:	416,636.00 ft	Latitude:	32° 08' 41.683" N
	+E/-W	-0.05 ft	Easting:	613,880.50 ft	Longitude:	103° 57' 55.425" W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	6,300.00 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	12/17/2006	8.28	60.16	48,968

Design	Plan #1 - Rev 1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	-0.05	359.74

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	359.84	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	
4,822.54	0.00	359.84	4,822.54	0.00	-0.05	0.00	0.00	0.00	0.00	
5,572.55	90.00	359.84	5,300.01	477.46	-1.41	12.00	12.00	0.00	359.84	
7,414.59	90.00	359.84	5,300.01	2,319.50	-6.65	0.00	0.00	0.00	0.00	BHL (Corral Fly Federal #2H)

Crescent Directional Drilling

Planning Report

Database:	COMPASS_2003.11_CDDSVR	Local Co-ordinate Reference:	Well Corral Fly Federal #2H
Company:	Southwestern Energy Production Co.	TVD Reference:	ESTIMATED RKB @ 6325.01ft (RIG NOT SPECIFIED)
Project:	Eddy County New Mexico	MD Reference:	ESTIMATED RKB @ 6325.01ft (RIG NOT SPECIFIED)
Site:	Corral Fly Section 10 - T25S R29E	North Reference:	Grid
Well:	Corral Fly Federal #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 - Rev 1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	359.84	0.00	0.00	-0.05	0.00	0.00	0.00	0.00
100.00	0.00	359.84	100.00	0.00	-0.05	0.00	0.00	0.00	0.00
200.00	0.00	359.84	200.00	0.00	-0.05	0.00	0.00	0.00	0.00
300.00	0.00	359.84	300.00	0.00	-0.05	0.00	0.00	0.00	0.00
400.00	0.00	359.84	400.00	0.00	-0.05	0.00	0.00	0.00	0.00
500.00	0.00	359.84	500.00	0.00	-0.05	0.00	0.00	0.00	0.00
600.00	0.00	359.84	600.00	0.00	-0.05	0.00	0.00	0.00	0.00
700.00	0.00	359.84	700.00	0.00	-0.05	0.00	0.00	0.00	0.00
800.00	0.00	359.84	800.00	0.00	-0.05	0.00	0.00	0.00	0.00
900.00	0.00	359.84	900.00	0.00	-0.05	0.00	0.00	0.00	0.00
1,000.00	0.00	359.84	1,000.00	0.00	-0.05	0.00	0.00	0.00	0.00
1,100.00	0.00	359.84	1,100.00	0.00	-0.05	0.00	0.00	0.00	0.00
1,200.00	0.00	359.84	1,200.00	0.00	-0.05	0.00	0.00	0.00	0.00
1,300.00	0.00	359.84	1,300.00	0.00	-0.05	0.00	0.00	0.00	0.00
1,400.00	0.00	359.84	1,400.00	0.00	-0.05	0.00	0.00	0.00	0.00
1,500.00	0.00	359.84	1,500.00	0.00	-0.05	0.00	0.00	0.00	0.00
1,600.00	0.00	359.84	1,600.00	0.00	-0.05	0.00	0.00	0.00	0.00
1,700.00	0.00	359.84	1,700.00	0.00	-0.05	0.00	0.00	0.00	0.00
1,800.00	0.00	359.84	1,800.00	0.00	-0.05	0.00	0.00	0.00	0.00
1,900.00	0.00	359.84	1,900.00	0.00	-0.05	0.00	0.00	0.00	0.00
2,000.00	0.00	359.84	2,000.00	0.00	-0.05	0.00	0.00	0.00	0.00
2,100.00	0.00	359.84	2,100.00	0.00	-0.05	0.00	0.00	0.00	0.00
2,200.00	0.00	359.84	2,200.00	0.00	-0.05	0.00	0.00	0.00	0.00
2,300.00	0.00	359.84	2,300.00	0.00	-0.05	0.00	0.00	0.00	0.00
2,400.00	0.00	359.84	2,400.00	0.00	-0.05	0.00	0.00	0.00	0.00
2,500.00	0.00	359.84	2,500.00	0.00	-0.05	0.00	0.00	0.00	0.00
2,600.00	0.00	359.84	2,600.00	0.00	-0.05	0.00	0.00	0.00	0.00
2,700.00	0.00	359.84	2,700.00	0.00	-0.05	0.00	0.00	0.00	0.00
2,800.00	0.00	359.84	2,800.00	0.00	-0.05	0.00	0.00	0.00	0.00
2,900.00	0.00	359.84	2,900.00	0.00	-0.05	0.00	0.00	0.00	0.00
3,000.00	0.00	359.84	3,000.00	0.00	-0.05	0.00	0.00	0.00	0.00
3,100.00	0.00	359.84	3,100.00	0.00	-0.05	0.00	0.00	0.00	0.00
3,200.00	0.00	359.84	3,200.00	0.00	-0.05	0.00	0.00	0.00	0.00
3,300.00	0.00	359.84	3,300.00	0.00	-0.05	0.00	0.00	0.00	0.00
3,400.00	0.00	359.84	3,400.00	0.00	-0.05	0.00	0.00	0.00	0.00
3,500.00	0.00	359.84	3,500.00	0.00	-0.05	0.00	0.00	0.00	0.00
3,600.00	0.00	359.84	3,600.00	0.00	-0.05	0.00	0.00	0.00	0.00
3,700.00	0.00	359.84	3,700.00	0.00	-0.05	0.00	0.00	0.00	0.00
3,800.00	0.00	359.84	3,800.00	0.00	-0.05	0.00	0.00	0.00	0.00
3,900.00	0.00	359.84	3,900.00	0.00	-0.05	0.00	0.00	0.00	0.00
4,000.00	0.00	359.84	4,000.00	0.00	-0.05	0.00	0.00	0.00	0.00
4,100.00	0.00	359.84	4,100.00	0.00	-0.05	0.00	0.00	0.00	0.00
4,200.00	0.00	359.84	4,200.00	0.00	-0.05	0.00	0.00	0.00	0.00
4,300.00	0.00	359.84	4,300.00	0.00	-0.05	0.00	0.00	0.00	0.00
4,400.00	0.00	359.84	4,400.00	0.00	-0.05	0.00	0.00	0.00	0.00
4,500.00	0.00	359.84	4,500.00	0.00	-0.05	0.00	0.00	0.00	0.00
4,600.00	0.00	359.84	4,600.00	0.00	-0.05	0.00	0.00	0.00	0.00
4,700.00	0.00	359.84	4,700.00	0.00	-0.05	0.00	0.00	0.00	0.00
4,800.00	0.00	359.84	4,800.00	0.00	-0.05	0.00	0.00	0.00	0.00
4,822.54	0.00	359.84	4,822.54	0.00	-0.05	0.00	0.00	0.00	0.00

Kickoff @ 4822.5' TVD, 12° DLS

4,900.00	9.29	359.84	4,899.66	6.27	-0.07	6.27	12.00	12.00	0.00
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Crescent Directional Drilling

Planning Report

Database: COMPASS_2003.11_CDDSVR
 Company: Southwestern Energy Production Co.
 Project: Eddy County New Mexico
 Site: Corral Fly Section 10 - T25S R29E
 Well: Corral Fly Federal #2H
 Wellbore: Wellbore #1
 Design: Plan #1 - Rev 1

Local Co-ordinate Reference:
 TVD Reference:
 MD Reference:
 North Reference:
 Survey Calculation Method:

Well Corral Fly Federal #2H
 ESTIMATED RKB @ 6325.01ft (RIG NOT SPECIFIED)
 ESTIMATED RKB @ 6325.01ft (RIG NOT SPECIFIED)
 Grid
 Minimum Curvature

5,000.00	21.29	359.84	4,995.94	32.60	-0.14	32.60	12.00	12.00	0.00
5,100.00	33.29	359.84	5,084.65	78.37	-0.27	78.37	12.00	12.00	0.00
5,200.00	45.29	359.84	5,161.90	141.59	-0.45	141.59	12.00	12.00	0.00
5,300.00	57.29	359.84	5,224.31	219.48	-0.67	219.48	12.00	12.00	0.00
5,400.00	69.29	359.84	5,269.17	308.65	-0.93	308.65	12.00	12.00	0.00
5,500.00	81.29	359.84	5,294.51	405.20	-1.20	405.20	12.00	12.00	0.00
5,572.55	90.00	359.84	5,300.01	477.46	-1.41	477.47	12.00	12.00	0.00
Beg Hold @ 5572.5' MD / 5300.0' TVD, 90.00°, 0.00° Azi									
5,600.00	90.00	359.84	5,300.01	504.92	-1.49	504.92	0.00	0.00	0.00
5,700.00	90.00	359.84	5,300.01	604.92	-1.77	604.92	0.00	0.00	0.00
5,800.00	90.00	359.84	5,300.01	704.92	-2.06	704.92	0.00	0.00	0.00
5,900.00	90.00	359.84	5,300.01	804.92	-2.34	804.92	0.00	0.00	0.00
6,000.00	90.00	359.84	5,300.01	904.92	-2.62	904.92	0.00	0.00	0.00
6,100.00	90.00	359.84	5,300.01	1,004.92	-2.91	1,004.92	0.00	0.00	0.00
6,200.00	90.00	359.84	5,300.01	1,104.91	-3.19	1,104.92	0.00	0.00	0.00
6,300.00	90.00	359.84	5,300.01	1,204.91	-3.48	1,204.92	0.00	0.00	0.00
6,400.00	90.00	359.84	5,300.01	1,304.91	-3.76	1,304.92	0.00	0.00	0.00
6,500.00	90.00	359.84	5,300.01	1,404.91	-4.05	1,404.92	0.00	0.00	0.00
6,600.00	90.00	359.84	5,300.01	1,504.91	-4.33	1,504.92	0.00	0.00	0.00
6,700.00	90.00	359.84	5,300.01	1,604.91	-4.62	1,604.92	0.00	0.00	0.00
6,800.00	90.00	359.84	5,300.01	1,704.91	-4.90	1,704.92	0.00	0.00	0.00
6,900.00	90.00	359.84	5,300.01	1,804.91	-5.19	1,804.92	0.00	0.00	0.00
7,000.00	90.00	359.84	5,300.01	1,904.91	-5.47	1,904.92	0.00	0.00	0.00
7,100.00	90.00	359.84	5,300.01	2,004.91	-5.75	2,004.92	0.00	0.00	0.00
7,200.00	90.00	359.84	5,300.01	2,104.91	-6.04	2,104.92	0.00	0.00	0.00
7,300.00	90.00	359.84	5,300.01	2,204.91	-6.32	2,204.92	0.00	0.00	0.00
7,400.00	90.00	359.84	5,300.01	2,304.91	-6.61	2,304.92	0.00	0.00	0.00
7,414.59	90.00	359.84	5,300.01	2,319.50	-6.65	2,319.51	0.00	0.00	0.00
TD @ 7414.58' MD / 5300.01' TVD									

Targets

Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(ft)	ft	ft	(ft)	(ft)		
- Shape									
BHL (Corral Fly Federal #2H)	0.00	0.00	5,300.01	2,319.50	-6.65	418,955.50	613,873.90	32° 09' 04.638" N	103° 57' 55.409" W
- plan misses by 14.59ft at 7400.00ft MD (5300.01 TVD, 2304.91 N, -6.61 E)									
- Point									
SECT 10 (Corral Fly Federal #2H)	0.00	0.00	0.00	-120.00	-1,980.00	416,516.00	611,900.55	32° 08' 40.562" N	103° 58' 18.459" W
- plan misses by 1983.58ft at 0.00ft MD (0.00 TVD, 0.00 N, -0.05 E)									
- Rectangle (sides W5,280.01 H5,280.01 D0.00)									

Plan Annotations

Measured Depth	Vertical Depth	Local Coordinates		Comment
(ft)	(ft)	+N/-S	+E/-W	
		(ft)	(ft)	
4,822.54	4,822.54	0.00	0.00	Kickoff @ 4822.5' TVD, 12° DLS
5,572.55	5,300.01	477.46	-1.37	Beg Hold @ 5572.5' MD / 5300.0' TVD, 90.00°, 0.00° Azi
7,414.58	5,300.01	2,319.49	-6.65	TD @ 7414.58' MD / 5300.01' TVD

Attachment C
Corral Fly Federal #2-H
Offset Leasehold Notification List

Pogo Producing Company P.O. Box 2504 Houston, Texas 77252	Receipt # 7006 2150 0002 1398 020
Bettis Brothers, Inc. 500 W. Wall, Suite 312 Midland, Texas 79701	Receipt # 7006 2150 0002 1398 0190
Sonic Oil & Gas, LP P.O. Box 1240 Graham, Texas 76450	Receipt # 7006 2150 0002 1398 0213
Norman D. Stovall, Jr. P.O. Box 10 Graham, Texas 76046	Receipt # 7006 2150 0002 1398 0220
H. M. Bettis, Inc. P.O. Box 1240 Graham, Texas 76046	Receipt # 7006 2150 0002 1398 0237
James R. Quinn 210 E. Abram, Suite 650 Arlington, Texas 76010	Receipt # 7006 2150 0002 1398 0244
The Allar Company P.O. Box 630 Graham, Texas 76046	Receipt # 7006 2150 0002 1398 0251
Eleven Sands Exploration, Inc. RR 8 Box 104 Guthrie, Texas 73044	Receipt # 7006 2150 0002 1398 0268
B.A.G.A.M., Ltd. P.O. Box 37 Graham, Texas 76046	Receipt # 7006 2150 0002 1398 0275
L. E. Opperman 1505 Neely Midland, Texas 79705	Receipt # 7006 2150 0002 1398 0282

