

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

HOBBS OCD

JAN 03 2017

RECEIVED

FORM APPROVED
OMB No. 1004-0137
Expires: January 31, 2018

5. Lease Serial No. LC-061374-A, NM 02335B

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator Kaiser-Francis Oil Company

3a. Address 6733 South Yale Ave
Tulsa Ok 74136

3b. Phone No. (include area code)
(918) 494-0000

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No. Bell Lake Unit South 263H

9. API Well No. 30-025-43034

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SHL: 2200' FSL & 300' FEL SECTION 6-24S-34E BHL: 330' FNL & 400' FWL SEC 32-23S-34E

10. Field and Pool or Exploratory Area
Antelope Ridge West

11. Country or Parish, State
Lea, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☒ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

1. Request authority to drill pilot test hole on subject well including logging & coring - See Attached procedure
2. Drilling Rig Change - See attached Precision Rig #590 Spec Sheet & Layout. V-door to east (Exhibit A-1)
3. Update BOP Stack & Specification - See attached Spec Sheet. Testing procedures attached.
4. Change subject well horizontal target to 10,625' TVD to target Second Bone Spring interval
5. Update planned TD of subject well to 15,524' MD; 10,625' TVD
10,524'
6. Expected spud: December 31, 2016.
7. Updated diagram showing flow lines (Exhibit A-2)
8. Submitted choke & kill flex hose line certificates for Rig 590 attached.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Steve A. Dowdy

Consulting Engineer for Kaiser-Francis Oil Company

Title

Signature

Date

12/19/2016

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

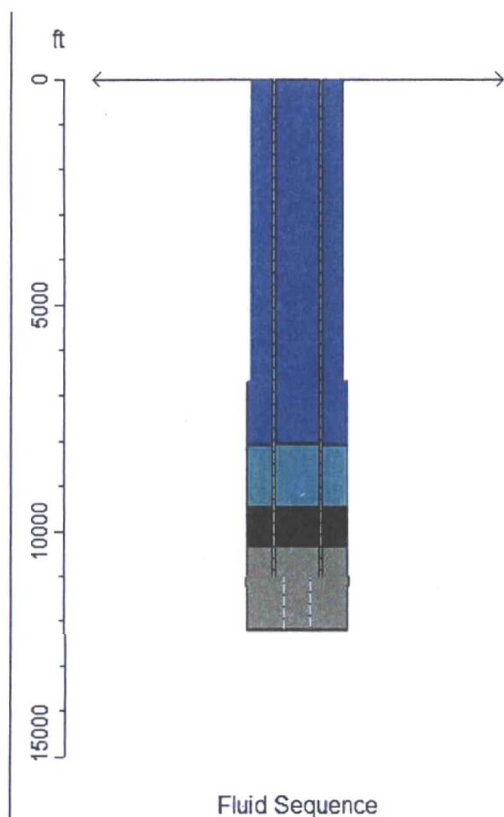
Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make 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.

Well Data



Well Data	
Job Type:	Plug
Total Depth (Measured):	12,200.0 ft
TVD:	12,200.0 ft

Open Hole					
Excess Type	OH Diameter	MD	Open Hole Excess	Equiv. OH Diameter	Annular Capacity
Open Hole	8.750 in	10,050.0 ft	25.0 %	9.783 in	0.093 bbl/ft
Open Hole	8.500 in	12,200.0 ft	25.0 %	9.503 in	0.088 bbl/ft

Previous Casing					
OD, in	Weight, lbm/ft	Grade	Inner Capacity, bbl/ft	Bottom Depth, ft	Casing Capacity, bbl/ft
9 5/8	40.0	P-110	0.076	6,700.0	0.07583

Drill Pipe					
OD, in	Weight, lbm/ft	Grade	Inner Capacity, bbl/ft	Bottom Depth, ft	Casing Capacity, bbl/ft
5	19.5	E-75	0.018	11,000.0	0.01776
2 7/8	6.4	N-80	0.006	12,200.0	0.00579

IMPORTANT

The well data shown on this page is based on information available when this treatment program was prepared. This data must be confirmed on location with the customer representative prior to the treatment. Any changes in the well design need to be reviewed for their impact on the treatment design.

Fluid Placement					
Fluid Name	Volume, bbl	Top of Fluid, ft	Annular Length, ft	Length, ft	Density, lb/gal
CW7 Chemical Wash	95.3	8,076.4	1,387.5	1,387.5	8.32
17.5ppg KOP Slurry	57.3	9,463.9	854.8	854.8	15.60
15.6ppg Plugback Slurry	138.7	10,318.7	1,881.3	1,881.3	15.60
15.6ppg Plugback Slurry	19.2	10,318.7	0.0	1,881.3	15.60
17.5ppg KOP Slurry	15.2	9,462.9	0.0	855.8	15.60
CW7 Chemical Wash	24.7	8,072.3	0.0	1,390.6	8.32
10.0ppg Brine	143.4	0.6	0.0	8,071.7	10.00

Total Liquid Volume: 493.8 bbl

Fluid Systems

CW7 Chemical Wash			
System	Water		
Density	8.32 lb/gal		
Total Volume	120.0 bbl		
Additives	Code	Description	Concentration

17.5ppg KOP Slurry (344 sacks, 94.0 lbm per sack of Blend)			
System	Conventional		
Density	15.60 lb/gal		
Yield	1.18 ft ³ /sk		
Mix Water	5.19 gal/sk		
Mix Fluid	5.29 gal/sk		
Total Volume	72.5 bbl		
Additives	Code	Description	Concentration
	D909	Cement	94.00 lb/sk BWOB
	D047	Antifoam	0.02 gal/sk VBWOB
	D080	Dispersant	0.03 gal/sk VBWOB
	D801	Retarder	0.05 gal/sk VBWOB

15.6ppg Plugback Slurry (749 sacks, 94.0 lbm per sack of Blend)			
System	Conventional		
Density	15.60 lb/gal		
Yield	1.18 ft ³ /sk		
Mix Water	5.20 gal/sk		
Mix Fluid	5.29 gal/sk		
Total Volume	157.9 bbl		
Additives	Code	Description	Concentration
	D909	Cement	94.00 lb/sk BWOB
	D047	Antifoam	0.02 gal/sk VBWOB
	D080	Dispersant	0.02 gal/sk VBWOB
	D801	Retarder	0.05 gal/sk VBWOB

10.0ppg Brine			
System	Water		
Density	10.00 lb/gal		
Total Volume	143.4 bbl		
Additives	Code	Description	Concentration
	Brine	Base Fluid	100.00 % BWOW

Some of the chemicals specified in this program may have toxic properties. All personnel should be familiar with the inherent dangers and appropriate safeguards to prevent accidental injury. Use of these chemicals may be governed by certain laws and regulations and should only be used in accordance with such. Please refer to the MSDS for the recommended safety precautions and required minimum personal protective equipment.

Price Estimate

Primary Pricebook Code: BBVI

Based on 8 hrs on location

Equipment and Services						
Code	Standard Description	Quantity	Unit List Price	Total List Price	Discount Rate	Discounted Price
				\$	%	\$
102872125	Pumps by unit, depth charge 12001-12500 ft	1 EA	13,044.00	13,044.00	73.00	3,521.88
102875100	Batch Mixer, 51-100 bbl	1 EA	1,091.40	1,091.40	73.00	294.68
107181000	Drill Pin, Rental, per Job	1 JOB	86.14	86.14	73.00	23.26
48019100	Cement Bulk Unit	1 EA	1,380.00	1,380.00	73.00	372.60
49100000	Cement Service Charge	1,093 CF	2.80	3,060.40	73.00	826.31
49102000	Cement Transport	1,284 MI	2.50	3,210.00	73.00	866.70
59200002	Equipment Mileage	150 MI	5.91	886.50	73.00	239.36
59200005	Car/PU Mileage	50 MI	3.47	173.50	73.00	46.85
59697004	Job Monitoring	1 JOB	880.00	880.00	73.00	237.60
Subtotals:			USD	23,811.94	USD	6,429.22

Materials						
Code	Standard Description	Quantity	Unit List Price	Total List Price	Discount Rate	Discounted Price
				\$	%	\$
D047	Antifoam Agent	22 GA	82.80	1,821.60	71.00	528.26
D080	Cement Liquid Dispersant	26 GA	48.40	1,258.40	71.00	364.94
D801	Retarder, MID Temp Liquid	55 GA	42.00	2,310.00	71.00	669.90
D826	Chemical Wash CW7	120 BBL	55.20	6,624.00	71.00	1,920.96
D909	Cement, Class H	1,093 CF	27.80	30,385.40	71.00	8,811.77
Subtotals:			USD	42,399.40	USD	12,295.83

Total List Price: USD 66,211.34
Applied Discount: USD 47,486.29
Job Price Estimate: USD 18,725.05

Drilling Procedure Kaiser Francis Oil Company

Bell Lake Unit South 263H
Bone Spring Horizontal & Pilot
Date: 16 December 2016

Pilot Hole Procedure

Well: Bell Lake Unit South 263H
API# 30-025-43034

GL elevation: 3602'

Field: Antelope Ridge West
County: Lea County, New Mexico
Reservoir: 2nd Bone Spring

Drill Rig: Precision Rig 590
KB height: 25'

Coordinates: Lat 32.245266N Long 103.501034 W NAD 27 NME

SHL 2200' FSL 300' FEL Section 6 T24S R34E
BHL 330' FNL 400' FWL Section 32 T23S R34E
Plan TD 18,500' MD
Plan TVD 10,625' TVD

Pilot Hole Plan / Added Procedure for 263H well for Pilot hole

Business Confidential / Tight Hole
Supporting information for 263H Sundry

8 3/4" Hole - Vertical to PILOT TD Run Wear Bushing

VERTICAL BHA to PILOT TD

8 3/4" PDC per bit program

6 3/4" mud motor, 1.5 degree, standard speed, .26 Rev/gal

8 1/2" String Stabilizer

6 3/4" MWD

Non-mags

8 1/2" SOS Concentric reamer

6 x 6" drill collars

XO

5" HWDP (20 stands)

5" DP to surface

CASING TEST / 9 5/8"

TIH / Wash down to the wiper plug / float collar and test the casing to 1500 psi for 30 min. Record the test on chart (Rig Print of Pason, Totco etc is OK) and note on drilling report. Drill out shoe and test formation to 9.5-10.0 # EMW. Record test on chart and note same on drilling report.

BOP function test, and casing test.

Condition mud/Brine/Cut Brine. Pass all fluids over shaker when re-filling pits

Construct a FISHING SKETCH. Ensure that directional company OD calipers and measures each component in BHA before TIH. The consultant should keep a current strap of all equipment in the hole and other equipment on location at all times. Measurements should be collected from components on-site, and not from CAD drawings.

DRILL OUT 8 3/4 HOLE / PILOT HOLE

Pickup Vertical BHA described above. Plan to Pickup directional tools, and TIH to drillout with Vertical BHA. Verify proper mud motor/bend and bit with drilling engineer. Do not tag cement or set more than 5K on bit to avoid plugging bit jets with Cement. Drill with Cut Brine and control initial weight to 8.8 to 9.0 lbs/gal. Increase weight with depth. Mud weight as high as 10.6 may be required at Pilot hole TD.

Drill ahead 8 3/4" hole, follow wellplan, and watch for losses. Plan to fall back to vertical below approx. 10,500' TVD, and drill ahead approx. vertical to Pilot Hole TD. Drill ahead efficiently, note that some inclination drift can be tolerated in pilot hole below 10,500'. Minimize slides below 10,500'.

Bits & Parameters: Standard bits for the 8 3/4" hole section. Nozzle bit per bit program. Actual bits/nozzles used to be discussed with drilling engineer assigned to rig if different from the standard program.

DRILL:	RPM	20 to 90	Surface
	WOB	15 to 40	klbs
	GPM	520 to 600	gpm

Plan to drill ahead with MW at 9.2 to 9.6 and watch for influxes. A light mud-up may be required below 10,300'. Goal should be to stabilize and maintain hole for drilling and logging. Watch for losses and gas as drilling proceeds deeper through the 2nd and 3rd Bone Springs and the Wolfcamp.

Drilling through hard formations and sands, maintain FULL FLOW, and reduce surface rotary to 20 RPM, and INCREASE WOB to preserve bit life.

Drill to approximately 12,000' TVD, or as deep as conditions, hole-quality, and pressure allow. At Pilot TD, condition hole and prepare for open-hole logging with SLB. OH logs will be multiple runs of SLB logging including sidewall coring. Logging Interval will run from 5200' to approx. 12,000'.

If there is a need to POOH due to bit, MWD or other failure below 10500', Trip back in hole with 8 1/2" bit, and drill to TD.

A hole-conditioning run may be necessary every 12 to 24 hours during logging.

PLUGBACK PILOT HOLE / SET WHIPSTOCK

We will be using the One-Run SLB cemented whipstock for plugback and kick-off. TIH with 2 7/8" tubing tailpipe on SLB OH Anchor and Whipstock, on stinger, on running tool connected to 5" drillpipe. Proceed running the assembly in hole to the proper depth (10,025' TVD) to seat anchor. Tailpipe should be 20' or more off of pilot TD. SLB whipstock and anchor must be set in a competent formation and gage hole.

Circulate and condition hole. Pump plugback cement to 50' above top of whipstock. Sting out of whipstock, and slowly POOH, watching not to swab-in hole. Follow SLB procedure for setting and cementing.

Clear and flush drillpipe, clear hole, and flush equipment. Laydown running tools, and prepare to pickup Kick-off assembly.

While cement curing, perform any rig, pipe, pump or pit maintenance. Flush system and go back with cut brine drilling fluid.

KICK-OFF WHIPSTOCK

KICK-OFF / DRESS-OFF BHA / Rollercone bit

8 3/4" rollercone per bit program, nozzled 3 x 24's or open

6 3/4" mud motor, 2.12 degree .5 Rev/gal, Slick

6 3/4" MWD

Non-mags

XO

5" Drill Pipe 10 stands around curve

5" HWDP 20 Stands

5" Drill Pipe to surface

TIH with Kick-Off assembly above. Dress-off cement down to top of whipstock. Orient toolface and SLIDE drill down following whipstock.

After exiting old hole and coming off whipstock, begin sliding and following wellplan and desired curve. Continue drilling ahead if performance of rollercone bit and toolface are good. Drill new hole, maintain wellplan and curvebuild, get MWD surveys.

NOTE: ON CONNECTIONS in Kick-Off and in Curve, orient tools to HIGH SIDE to avoid possible downward washout, and loss of build in curve.

If performance of rollercone bit slows down after making at least 80' of new hole, POOH and prepare to TIH with PDC curve assembly.

DRILL AHEAD / CUT 3D CURVE

CURVE BUILD BHA

8 3/4" rollercone per bit program, nozzled 3 x 24's or open
6 3/4" mud motor, 2.12 degree, Std speed, .5 Rev/gal, Slick
6 3/4" MWD
Non-mags
XO
5" Drill Pipe 10 stands around curve
5" HWDP 20 Stands
5" Drill Pipe to surface

TIH with 2.12° - 2.25° motor (or as agreed with directional company and drilling engineer) and directional tools, and BHA as above.

Continue building the curve, coordinating with the mud logger/geo-steering company as to the exact depth in terms of TVD using the GR/TVD log (DP measured) to determine any necessary depth adjustments to the Target TVD. Geologists will correlate formation tops and targets back to OH logs from Pilot Hole. Build the radius at 10 degrees/100', per directional plan (revised if necessary). Land the curve at 88 degrees or more, and condition the hole and POOH.

NOTE: While cutting curve, plan to stay 5' to 10' TVD high to plan between 30 degrees and 70 degrees in curve. Work to stay ahead of plan in case certain zones fall out and do not deliver the build rates anticipated. After 70 deg incl gradually fall back to plan and land curve.

NOTE: In curve and lateral, orient tools to high side on connections to avoid washout, and loss of build.

NOTE: Drill with Cut Brine and control weight to 9.1 to 9.5 lbs/gal. While cutting curve, open shales may or may not present a problem. Mix one sack MICA per hour, and one sack shale-control (asphalt additive) per hour, and ABO (asphalt-blend oil) as needed.

NOTE: We are cutting a 3D curve. Landing at TVD target is primary goal. Further corrections to Azimuth at expense of build rate should be avoided. Minor corrections to Azimuth may be made after landing curve.

While drilling the curve section: **Frequent Surveys are required while building the curve section. Take surveys at most every joint, 32 feet.** Any deviation of 25 ft or more from the directional plan well path, the directional driller will cease drilling operations & contact the Tulsa office for further instructions.

5D Plan Report**Kaiser Francis Oil Company****Field Name:** *KFOC Lea Co, NM (Nad 27 NME)***Site Name:** *Bell Lake Unit South #263H***Well Name:** *Bell Lake Unit South #263H Pilot***Plan:** *P1:V2*

12 December 2016

**Weatherford®**



Weatherford®

Bell Lake Unit South #263H Pilot

Field Name: KFOC Lea Co, NM (Nad 27 NME)	Map Units: US ft		Company Name: Kaiser Francis Oil Company	
	Vertical Reference Datum (VRD):			
	Projected Coordinate System: NAD27 / New Mexico East			
	Comment:			
Site: Bell Lake Unit South #263H	Units: US ft	North Reference: Grid	Convergence Angle: 0.44	
	Position:	Northing: 453943.30 US ft	Latitude: 32° 14' 42.96"	
		Easting: 757323.30 US ft	Longitude: -103° 30' 3.72"	
	Elevation above Field Reference:3602.00 US ft			
Comment:				
Slot: Bell Lake Unit South #263H	Position (Relative to Site Centre)			
	+N/-S: 0.00 US ft	Northing: 453943.30 US ft	Latitude: 32°14'42.96"	
	+E/-W: 0.00 US ft	Easting: 757323.30 US ft	Longitude: -103°30'3.72"	
	Slot TVD Reference: Ground Elevation			
Elevation above Field Reference: 3602.00 US ft				
Comment:				
Well: Bell Lake Unit South #263H Pilot	Type:Main well	UWI:	Plan:P1:V2	
	File Number:	Comment:		
	Closure Distance:707.017US ft	Closure Azimuth:96.52°		
	Vertical Section: Position of Origin (Relative to Slot centre)			
	+N/-S: -0.00 US ft	+E/-W: 0.00 US ft	Az: 4.42°	
	Magnetic Parameters:			
	Model: bggm2016	Field Strength:	Declination: 7.02°	Dip: 60.11°
		48098.1nT		Date: 15/Jan/2017

Drill floor: Plan: P1:V2

Rig Height (Drill Floor): 25.00 US ft **Elevation above Field Reference:** 3627.00 US ft **Inclination:** 0.00° **Azimuth:** 0.00°

Target set: Bell Lake Unit South #263H Pilot Comment:

Target Name:	Shape:	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (USft)	Easting (USft)	C.Pt.Distance (US ft)	Comment
S Tgt	Point	10000.00	-80.28	702.44	453863.02	758025.74	0.00	

Wellpath created using minimum curvature.

Tie Point:

MD: 0.00 USft **Inclination:** 0.00° **Azimuth:** 0.00° **TVD:** 0.00 USft **North Offset:** - 0.00 USft **East Offset:** 0.00 USft

Salient Points: (Relative to Slot centre) (TVD relative to Drill Floor)

MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	B.Rate (°/100US ft)	T.Rate (°/100US ft)	DLS (°/100US ft)	Comment
0.00	0.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	0.00	

5D Plan Report

Salient Points: (Relative to Slot centre)(TVD relative to Drill Floor)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	B.Rate (%/100US ft)	T.Rate (%/100US ft)	DLS (%/100US ft)	Comment
1500.00	0.00	0.00	1500.00	0.00	-0.00	0.00	0.00	0.00	0.00	Nudge
1800.00	6.00	96.52	1799.45	-0.58	-1.78	15.59	2.00	0.00	2.00	Hold
8263.60	6.00	96.52	8227.64	-25.33	-78.50	686.85	0.00	0.00	0.00	Drop
8563.60	0.00	0.00	8527.09	-25.91	-80.28	702.44	-2.00	0.00	2.00	Hold
12036.50	0.00	0.00	12000.00	-25.91	-80.28	702.44	0.00	0.00	0.00	PBHL Pilot
Interpolated Points: (Relative to Slot centre)(TVD relative to Drill Floor)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (%/100US ft)	Comment
0.00	0.00	0.00	0.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
100.00	0.00	0.00	100.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
200.00	0.00	0.00	200.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
300.00	0.00	0.00	300.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
400.00	0.00	0.00	400.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
500.00	0.00	0.00	500.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
600.00	0.00	0.00	600.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
700.00	0.00	0.00	700.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
800.00	0.00	0.00	800.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
900.00	0.00	0.00	900.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
1000.00	0.00	0.00	1000.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
1100.00	0.00	0.00	1100.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
1200.00	0.00	0.00	1200.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
1300.00	0.00	0.00	1300.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
1400.00	0.00	0.00	1400.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
1500.00	0.00	0.00	1500.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	Nudge
1600.00	2.00	96.52	1599.98	-0.06	-0.20	1.73	453943.10	757325.03	2.00	
1700.00	4.00	96.52	1699.84	-0.26	-0.79	6.93	453942.51	757330.23	2.00	
1800.00	6.00	96.52	1799.45	-0.58	-1.78	15.59	453941.52	757338.89	2.00	Hold
1900.00	6.00	96.52	1898.90	-0.96	-2.97	25.98	453940.33	757349.28	0.00	
2000.00	6.00	96.52	1998.36	-1.34	-4.16	36.36	453939.14	757359.66	0.00	
2100.00	6.00	96.52	2097.81	-1.72	-5.34	46.75	453937.96	757370.05	0.00	
2200.00	6.00	96.52	2197.26	-2.11	-6.53	57.13	453936.77	757380.43	0.00	
2300.00	6.00	96.52	2296.71	-2.49	-7.72	67.52	453935.58	757390.82	0.00	
2400.00	6.00	96.52	2396.17	-2.87	-8.90	77.90	453934.40	757401.20	0.00	
2500.00	6.00	96.52	2495.62	-3.26	-10.09	88.29	453933.21	757411.59	0.00	
2600.00	6.00	96.52	2595.07	-3.64	-11.28	98.67	453932.02	757421.97	0.00	
2700.00	6.00	96.52	2694.52	-4.02	-12.46	109.06	453930.84	757432.36	0.00	
2800.00	6.00	96.52	2793.97	-4.41	-13.65	119.44	453929.65	757442.74	0.00	
2900.00	6.00	96.52	2893.43	-4.79	-14.84	129.83	453928.46	757453.13	0.00	
3000.00	6.00	96.52	2992.88	-5.17	-16.03	140.21	453927.27	757463.51	0.00	
3100.00	6.00	96.52	3092.33	-5.55	-17.21	150.60	453926.09	757473.90	0.00	
3200.00	6.00	96.52	3191.78	-5.94	-18.40	160.99	453924.90	757484.29	0.00	
3300.00	6.00	96.52	3291.23	-6.32	-19.59	171.37	453923.71	757494.67	0.00	
3400.00	6.00	96.52	3390.69	-6.70	-20.77	181.76	453922.53	757505.06	0.00	
3500.00	6.00	96.52	3490.14	-7.09	-21.96	192.14	453921.34	757515.44	0.00	
3600.00	6.00	96.52	3589.59	-7.47	-23.15	202.53	453920.15	757525.83	0.00	
3700.00	6.00	96.52	3689.04	-7.85	-24.33	212.91	453918.97	757536.21	0.00	
3800.00	6.00	96.52	3788.50	-8.24	-25.52	223.30	453917.78	757546.60	0.00	
3900.00	6.00	96.52	3887.95	-8.62	-26.71	233.68	453916.59	757556.98	0.00	
4000.00	6.00	96.52	3987.40	-9.00	-27.89	244.07	453915.41	757567.37	0.00	
4100.00	6.00	96.52	4086.85	-9.38	-29.08	254.45	453914.22	757577.75	0.00	
4200.00	6.00	96.52	4186.30	-9.77	-30.27	264.84	453913.03	757588.14	0.00	
4300.00	6.00	96.52	4285.76	-10.15	-31.46	275.22	453911.84	757598.52	0.00	
4400.00	6.00	96.52	4385.21	-10.53	-32.64	285.61	453910.66	757608.91	0.00	
4500.00	6.00	96.52	4484.66	-10.92	-33.83	295.99	453909.47	757619.29	0.00	
4600.00	6.00	96.52	4584.11	-11.30	-35.02	306.38	453908.28	757629.68	0.00	
4700.00	6.00	96.52	4683.57	-11.68	-36.20	316.76	453907.10	757640.06	0.00	
4800.00	6.00	96.52	4783.02	-12.07	-37.39	327.15	453905.91	757650.45	0.00	
4900.00	6.00	96.52	4882.47	-12.45	-38.58	337.53	453904.72	757660.83	0.00	

5D Plan Report

Interpolated Points: (Relative to Slot centre)(TVD relative to Drill Floor)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	Comment
5000.00	6.00	96.52	4981.92	-12.83	-39.76	347.92	453903.54	757671.22	0.00	
5100.00	6.00	96.52	5081.37	-13.22	-40.95	358.31	453902.35	757681.61	0.00	
5200.00	6.00	96.52	5180.83	-13.60	-42.14	368.69	453901.16	757691.99	0.00	
5300.00	6.00	96.52	5280.28	-13.98	-43.32	379.08	453899.98	757702.38	0.00	
5400.00	6.00	96.52	5379.73	-14.36	-44.51	389.46	453898.79	757712.76	0.00	
5500.00	6.00	96.52	5479.18	-14.75	-45.70	399.85	453897.60	757723.15	0.00	
5600.00	6.00	96.52	5578.64	-15.13	-46.89	410.23	453896.41	757733.53	0.00	
5700.00	6.00	96.52	5678.09	-15.51	-48.07	420.62	453895.23	757743.92	0.00	
5800.00	6.00	96.52	5777.54	-15.90	-49.26	431.00	453894.04	757754.30	0.00	
5900.00	6.00	96.52	5876.99	-16.28	-50.45	441.39	453892.85	757764.69	0.00	
6000.00	6.00	96.52	5976.44	-16.66	-51.63	451.77	453891.67	757775.07	0.00	
6100.00	6.00	96.52	6075.90	-17.05	-52.82	462.16	453890.48	757785.46	0.00	
6200.00	6.00	96.52	6175.35	-17.43	-54.01	472.54	453889.29	757795.84	0.00	
6300.00	6.00	96.52	6274.80	-17.81	-55.19	482.93	453888.11	757806.23	0.00	
6400.00	6.00	96.52	6374.25	-18.19	-56.38	493.31	453886.92	757816.61	0.00	
6500.00	6.00	96.52	6473.70	-18.58	-57.57	503.70	453885.73	757827.00	0.00	
6600.00	6.00	96.52	6573.16	-18.96	-58.75	514.08	453884.55	757837.38	0.00	
6700.00	6.00	96.52	6672.61	-19.34	-59.94	524.47	453883.36	757847.77	0.00	
6800.00	6.00	96.52	6772.06	-19.73	-61.13	534.85	453882.17	757858.15	0.00	
6900.00	6.00	96.52	6871.51	-20.11	-62.31	545.24	453880.99	757868.54	0.00	
7000.00	6.00	96.52	6970.97	-20.49	-63.50	555.62	453879.80	757878.92	0.00	
7100.00	6.00	96.52	7070.42	-20.88	-64.69	566.01	453878.61	757889.31	0.00	
7200.00	6.00	96.52	7169.87	-21.26	-65.88	576.40	453877.42	757899.70	0.00	
7300.00	6.00	96.52	7269.32	-21.64	-67.06	586.78	453876.24	757910.08	0.00	
7400.00	6.00	96.52	7368.77	-22.02	-68.25	597.17	453875.05	757920.47	0.00	
7500.00	6.00	96.52	7468.23	-22.41	-69.44	607.55	453873.86	757930.85	0.00	
7600.00	6.00	96.52	7567.68	-22.79	-70.62	617.94	453872.68	757941.24	0.00	
7700.00	6.00	96.52	7667.13	-23.17	-71.81	628.32	453871.49	757951.62	0.00	
7800.00	6.00	96.52	7766.58	-23.56	-73.00	638.71	453870.30	757962.01	0.00	
7900.00	6.00	96.52	7866.04	-23.94	-74.18	649.09	453869.12	757972.39	0.00	
8000.00	6.00	96.52	7965.49	-24.32	-75.37	659.48	453867.93	757982.78	0.00	
8100.00	6.00	96.52	8064.94	-24.71	-76.56	669.86	453866.74	757993.16	0.00	
8200.00	6.00	96.52	8164.39	-25.09	-77.74	680.25	453865.56	758003.55	0.00	
8263.60	6.00	96.52	8227.64	-25.33	-78.50	686.85	453864.80	758010.15	0.00	Drop
8300.00	5.27	96.52	8263.87	-25.46	-78.91	690.40	453864.39	758013.70	2.00	
8400.00	3.27	96.52	8363.58	-25.74	-79.75	697.80	453863.55	758021.10	2.00	
8500.00	1.27	96.52	8463.50	-25.88	-80.20	701.74	453863.10	758025.04	2.00	
8563.60	0.00	0.00	8527.09	-25.91	-80.28	702.44	453863.02	758025.74	2.00	Hold
8600.00	0.00	0.00	8563.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
8700.00	0.00	0.00	8663.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
8800.00	0.00	0.00	8763.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
8900.00	0.00	0.00	8863.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
9000.00	0.00	0.00	8963.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
9100.00	0.00	0.00	9063.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
9200.00	0.00	0.00	9163.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
9300.00	0.00	0.00	9263.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
9400.00	0.00	0.00	9363.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
9500.00	0.00	0.00	9463.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
9600.00	0.00	0.00	9563.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
9700.00	0.00	0.00	9663.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
9800.00	0.00	0.00	9763.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
9900.00	0.00	0.00	9863.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
10000.00	0.00	0.00	9963.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
10100.00	0.00	0.00	10063.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
10200.00	0.00	0.00	10163.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
10300.00	0.00	0.00	10263.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
10400.00	0.00	0.00	10363.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
10500.00	0.00	0.00	10463.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
10600.00	0.00	0.00	10563.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	

5D Plan Report

Interpolated Points: (Relative to Slot centre)(TVD relative to Drill Floor)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	Comment
10700.00	0.00	0.00	10663.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
10800.00	0.00	0.00	10763.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
10900.00	0.00	0.00	10863.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
11000.00	0.00	0.00	10963.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
11100.00	0.00	0.00	11063.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
11200.00	0.00	0.00	11163.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
11300.00	0.00	0.00	11263.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
11400.00	0.00	0.00	11363.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
11500.00	0.00	0.00	11463.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
11600.00	0.00	0.00	11563.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
11700.00	0.00	0.00	11663.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
11800.00	0.00	0.00	11763.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
11900.00	0.00	0.00	11863.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
12000.00	0.00	0.00	11963.50	-25.91	-80.28	702.44	453863.02	758025.74	0.00	
12036.50	0.00	0.00	12000.00	-25.91	-80.28	702.44	453863.02	758025.74	0.00	PBHL Pilot

**Weatherford**

Weatherford Drilling Services

GeoDec4 v2.5.0.0

Report Date: December 08, 2016
Job Number: _____
Customer: Kaiser Francis Oil Company
Well Name: Bell Lake Unit South #263H
API Number: _____
Rig Name: _____
Location: Lea Co, NM Nad 27 NME
Block: _____
Engineer: RWJ

NAD27 / New Mexico East	NAD27
Projected Coordinate System	Geodetic Coordinate System
Datum: North American Datum 1927	Datum: North American Datum 1927
Ellipsoid: Clarke 1866	Ellipsoid: Clarke 1866
EPSG: 32012	EPSG: 4267
North: 453943.30 US Survey Foot	Latitude: 32.245266 Degree
East: 757323.30 US Survey Foot	Longitude: -103.501034 Degree
Convergence: 0.44°	
Declination: 7.02°	
Total Correction: 6.58°	
Datum Transformation: none	

Geodetic Location WGS84

MSL Elevation = 0 m
Latitude = 32° 14' 42.96" N
Longitude = 103° 30' 03.72" W

Magnetic Declination = 7.02 deg	[True North Offset]
Local Gravity = .9988 g	Checksum = 6578
Local Field Strength = 48098 nT	Magnetic Vector X = 23790 nT
Magnetic Dip = 60.11 deg	Magnetic Vector Y = 2929 nT
Magnetic Model = bggm2016.bgs	Magnetic Vector Z = 41700 nT
Run Date = January 15, 2017	Magnetic Vector H = 23970 nT

Signed: _____ Date: _____

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Warning: This information is controlled, and any printed version is deemed as uncontrolled unless suitably endorsed by a controlling authority or accompanied by a controlled table of contents in order to ensure adequate revision control.

PO# 4501536479/R.G#590



Midwest Hose
& Specialty, Inc.

Internal Hydrostatic Test Certificate

General Information		Hose Specifications	
Customer	PRECISION DRILLING	Hose Assembly Type	Choke & Kill
MWH Sales Representative	TYLER HILL	Certification	API 7K
Date Assembled	8/19/2014	Hose Grade	R13
Location Assembled	OKC	Hose Working Pressure	5000
Sales Order #	268122	Hose Lot # and Date Code	81914
Customer Purchase Order #	245230	Hose I.D. (Inches)	2"
Assembly Serial # (Pick Ticket #)	268122-1	Hose O.D. (Inches)	2.82"
Hose Assembly Length	30'	Armor (yes/no)	YES
Fittings			
End A		End B	
Stem (Part and Revision #)	6WB32-32M1502	Stem (Part and Revision #)	6WB32-32F1502
Stem (Heat #)	N/A	Stem (Heat #)	N/A
Ferrule (Part and Revision #)	MWH632-600	Ferrule (Part and Revision #)	MWH632-600
Ferrule (Heat #)	N/A	Ferrule (Heat #)	N/A
Connection (Part #)		Connection (Part #)	
Connection (Heat #)		Connection (Heat #)	
Dies Used	CC1000	Dies Used	CC1000
Hydrostatic Test Requirements			
Test Pressure (psi)	10,000	Hose assembly was tested with ambient water temperature.	
Test Pressure Hold Time (minutes)	10 1/2		
Date Tested	Tested By		Approved By
8/19/2014	Charles Ash		Sam Adams

PO# 4501536479 / RIG# 590



Midwest Hose
& Specialty, Inc.

Internal Hydrostatic Test Certificate

General Information		Hose Specifications	
Customer	PRECISION DRILLING	Hose Assembly Type	Choke & Kill
MWH Sales Representative	TYLER HILL	Certification	API 7K
Date Assembled	8/19/2014	Hose Grade	MUD
Location Assembled	OKC	Hose Working Pressure	10000
Sales Order #	268122	Hose Lot # and Date Code	7448-07/11
Customer Purchase Order #	245230	Hose I.D. (Inches)	3"
Assembly Serial # (Pick Ticket #)	268122-2	Hose O.D. (Inches)	5.36"
Hose Assembly Length	36'	Armor (yes/no)	YES
End A			
Stem (Part and Revision #)		R3,0X64WB	
Stem (Heat #)		MM141420	
Ferrule (Part and Revision #)		RF3.0	
Ferrule (Heat #)		J0965	
Connection (Part #)		4 1/16 10K	
Connection (Heat #)			
Dies Used		5.37"	
End B			
Stem (Part and Revision #)		R3,0X64WB	
Stem (Heat #)		MM141420	
Ferrule (Part and Revision #)		RF3.0	
Ferrule (Heat #)		J0965	
Connection (Part #)		4 1/16 10K	
Connection (Heat #)			
Dies Used		5.45"	
Hydrostatic Test Requirements			
Test Pressure (psi)	15,000	Hose assembly was tested with ambient water temperature.	
Test Pressure Hold Time (minutes)	15 1/2		
Date Tested	Tested By		Approved By
8/19/2014	Charles Ash		Sam Adams

Kaiser Francis Oil Company
Bell Lake Unit South #263H
Pilot
Lea Co, NM



Plan Data for Bell Lake Unit South #263H Pilot

Plan Point Information:									
Dogleg Severity Unit: %/100.00ft									
Position offsets from Slot centre									
MD	Inc	Az	TVD	+N/-S	+E/-W	Northing	Easting	VSec	DLS Comments
(USft)	(°)	(°)	(USft)	(USft)	(USft)	(USft)	(USft)	(USft)	(DLSU)
0.00	0.00	0.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	0.00
1500.00	0.00	0.00	1500.00	-0.00	0.00	453943.30	757323.30	0.00	0.00 Nudge
1800.00	6.00	96.52	1799.45	-1.78	15.59	453941.52	757338.89	-0.58	2.00 Hold
8263.60	6.00	96.52	8227.64	-78.50	686.85	453864.80	758010.15	-25.33	0.00 Drop
8563.60	0.00	0.00	8527.09	-80.28	702.44	453863.02	758025.74	-25.91	2.00 Hold
12036.50	0.00	0.00	12000.00	-80.28	702.44	453863.02	758025.74	-25.91	0.00 PBHL Pilot

Plan Data for Bell Lake Unit South #263H Pilot

Field: KFOC Lea Co, NM (Nad 27 NME)
Map Unit: USft Vertical Reference Datum (VRD):
Projected Coordinate System: NAD27 / New Mexico East

Site: Bell Lake Unit South #263H
Unit: USfeet TVD Reference:
Company Name: Kaiser Francis Oil Company
Position: Northing: 453943.30USft Latitude: 32.245266°
Easting: 757323.30USft Longitude: -103.501034°
North Reference: Grid Grid Convergence: 0.44°
Elevation Above VRD: 3602.00USft

Slot: Bell Lake Unit South #263H

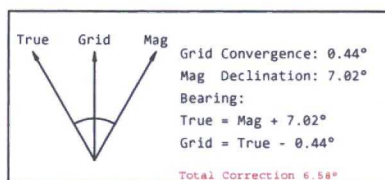
Position:
Offset is from Site centre
+N/-S: 0.00USft Northing: 453943.30USft Latitude: 32.245266°
+E/-W: 0.00USft Easting: 757323.30USft Longitude: -103.501034°
Elevation Above VRD: 3602.00USft

Well: Bell Lake Unit South #263H Pilot

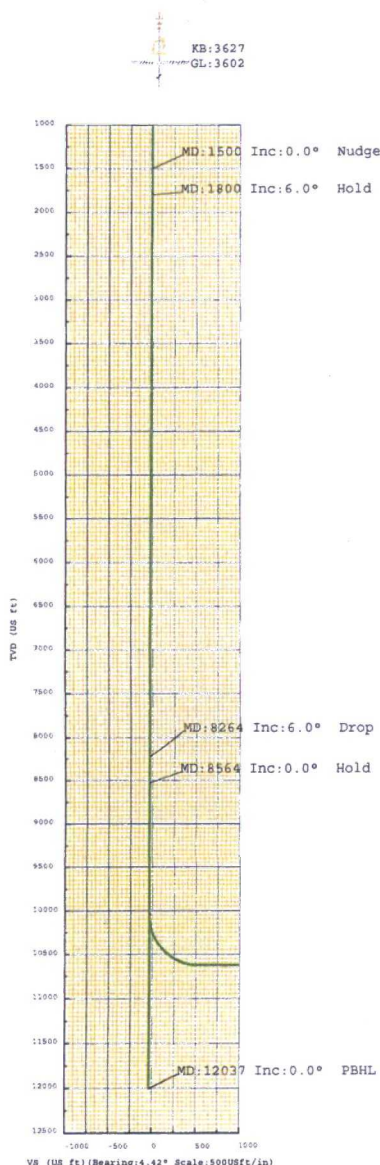
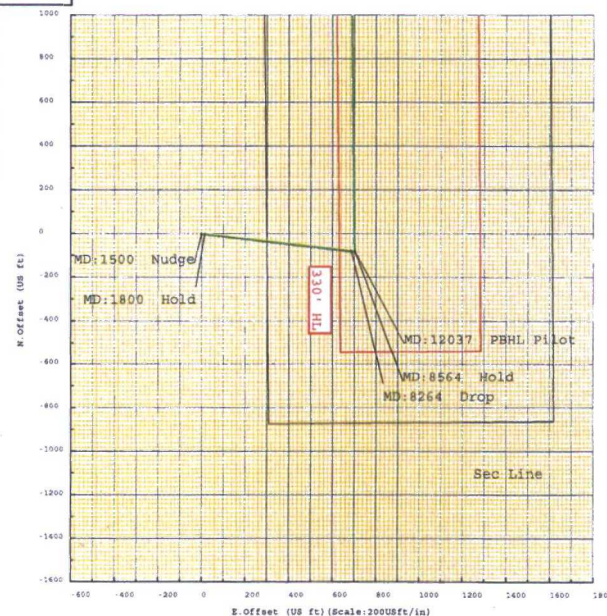
Type: Main-Well
File Number:
Plan Folder: P1 Plan: P1-V2
Vertical Section: Position offset of origin from Slot centre:
+N/-S: -0.00USft Azimuth: 4.42°
+E/-W: 0.00USft
Magnetic Parameters:
Model: Field Strength: Declination: Dip: Date:
bggm2016 48098(nT) 7.02° 60.11° 2017-01-15

Plan Data for Bell Lake Unit South #263H Pilot

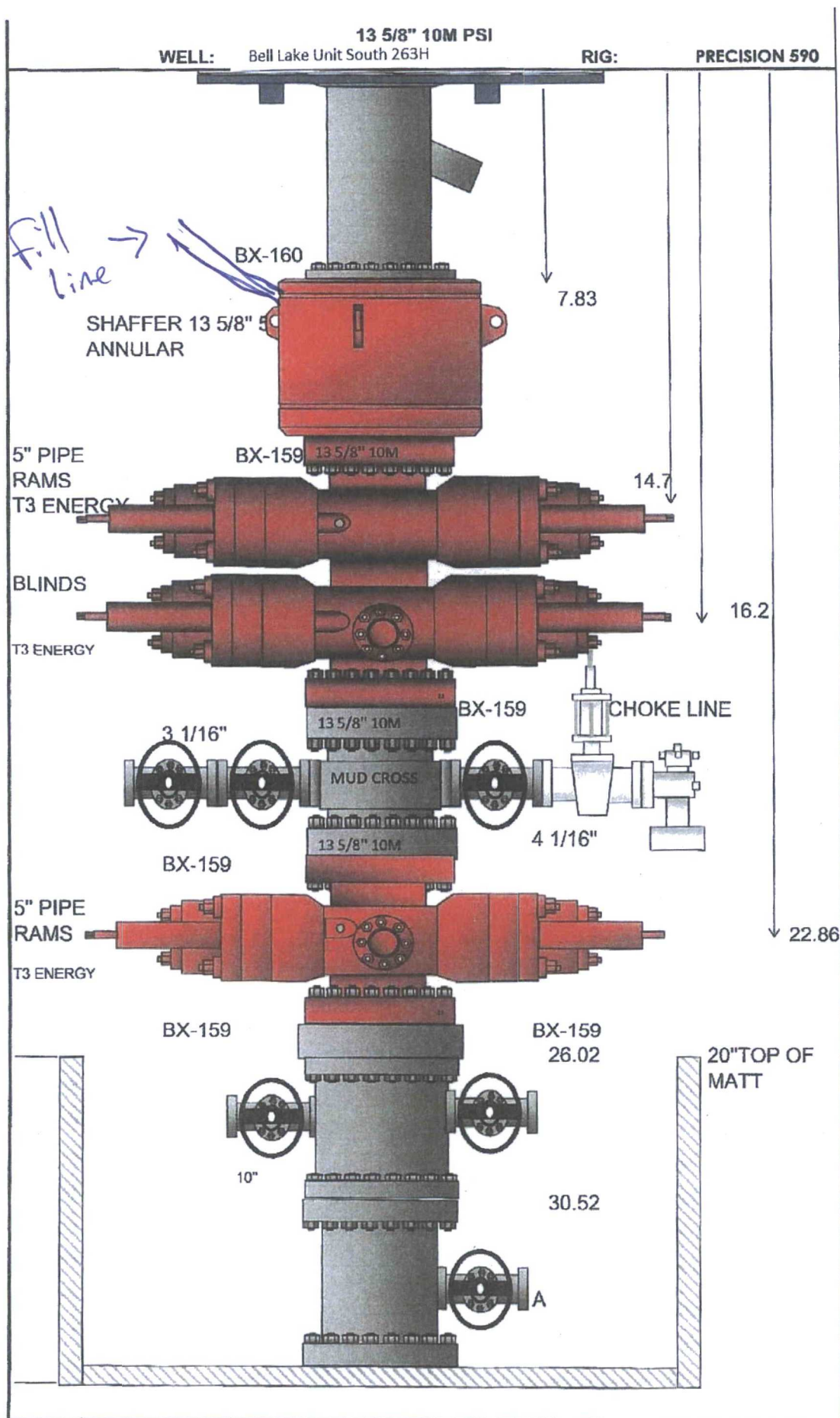
Target Set Information:
Name: Bell Lake Unit South #263H Pilot
Position offsets from Slot centre
Name TVD TVD SS +N/-S +E/-W Northing Easting
(USft) (USft) (USft) (USft) (USft) (USft)
S Tgt 10000.00 -6373.00 -80.28 702.44 453863.02 758025.74



Bell Lake Unit South #263H Pilot
Bell Lake Unit South #263H Lat



Drawing By: RWJ Date: 12-8-2016
Weatherford Drilling Services
10,000 Pilot Ave.
Midland, TX 79711
+1.432.561.8892 Main
+1.432.561.8895 Fax



5D Plan Report**Kaiser Francis Oil Company****Field Name:** *KFOC Lea Co, NM (Nad 27 NME)***Site Name:** *Bell Lake Unit South #263H***Well Name:** *Bell Lake Unit South #263H Lat***Plan:** *P1:V2*

12 December 2016





Weatherford®

Bell Lake Unit South #263H Lat

Field Name: KFOC Lea Co, NM (Nad 27 NME)	Map Units: US ft		Company Name: Kaiser Francis Oil Company	
	Vertical Reference Datum (VRD):			
	Projected Coordinate System: NAD27 / New Mexico East			
	Comment:			
Site: Bell Lake Unit South #263H	Units: US ft	North Reference: Grid	Convergence Angle: 0.44	
	Position:	Northing: 453943.30 US ft	Latitude: 32° 14' 42.96"	
		Easting: 757323.30 US ft	Longitude: -103° 30' 3.72"	
	Elevation above Field Reference:3602.00 US ft			
Comment:				
Slot: Bell Lake Unit South #263H	Position (Relative to Site Centre)			
	+N/-S: 0.00 US ft	Northing: 453943.30 US ft	Latitude: 32°14'42.96"	
	+E/-W: 0.00 US ft	Easting: 757323.30 US ft	Longitude: -103°30'3.72"	
	Slot TVD Reference: Ground Elevation			
Elevation above Field Reference: 3602.00 US ft				
Comment:				
Well: Bell Lake Unit South #263H Lat	Type:Sidetrack	UWI:	Plan:P1:V2	
	Parent: Bell Lake Unit South #263H Pilot	Tie Point Method: TVD	Tie Point: 10052.04 US ft	
	File Number:	Comment:		
	Closure Distance:8052US ft	Closure Azimuth:4.42°		
	Vertical Section: Position of Origin (Relative to Slot centre)			
	+N/-S: -0.00 US ft	+E/-W: 0.00 US ft	Az: 4.42°	
	Magnetic Parameters:			
	Model: bggm2016	Field Strength:	Declination: 7.02°	Dip: 60.11°
	48098.1nT			Date:
				15/Jan/2017

Drill floor: Plan: P1:V2			
Rig Height (Drill Floor): 25.00us ft	Elevation above Field Reference: 3627.00us ft	Inclination: 0.00°	Azimuth: 0.00°

Target set: Bell Lake Unit South #263H Lat Comment:								
Target Name:	Shape:	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (USft)	Easting (USft)	C.Pt.Distance (US ft)	Comment
FTP	Point	10625.00	493.30	694.60	454436.60	758017.90	2.10	
PBHL 236H	Point	10625.00	8028.00	621.20	461971.30	757944.50	0.00	

Wellpath created using minimum curvature.

Tie Point:					
MD: 10088.54USFt	Inclination: 0.00°	Azimuth: 0.00°	TVD: 10052.04USFt	North Offset: - 80.28USFt	East Offset: 702.44USFt

5D Plan Report

Salient Points: (Relative to Slot centre)(TVD relative to Drill Floor)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	B.Rate (%/100US ft)	T.Rate (%/100US ft)	DLS (%/100US ft)	Comment
10088.54	0.00	0.00	10052.04	-25.85	-80.28	702.44	0.00	0.00	0.00	KOP
10988.54	90.00	359.43	10625.00	544.93	492.65	696.70	10.00	0.00	10.00	LP
18524.28	90.00	359.43	10625.00	8052.00	8028.00	621.20	0.00	0.00	0.00	PBHL 236H Lat

Interpolated Points: (Relative to Slot centre)(TVD relative to Drill Floor)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (%/100US ft)	Comment
0.00	0.00	0.00	0.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
100.00	0.00	0.00	100.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
200.00	0.00	0.00	200.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
300.00	0.00	0.00	300.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
400.00	0.00	0.00	400.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
500.00	0.00	0.00	500.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
600.00	0.00	0.00	600.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
700.00	0.00	0.00	700.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
800.00	0.00	0.00	800.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
900.00	0.00	0.00	900.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
1000.00	0.00	0.00	1000.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
1100.00	0.00	0.00	1100.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
1200.00	0.00	0.00	1200.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
1300.00	0.00	0.00	1300.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
1400.00	0.00	0.00	1400.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	
1500.00	0.00	0.00	1500.00	0.00	-0.00	0.00	453943.30	757323.30	0.00	Nudge
1600.00	2.00	96.52	1599.98	-0.06	-0.20	1.73	453943.10	757325.03	2.00	
1700.00	4.00	96.52	1699.84	-0.26	-0.79	6.93	453942.51	757330.23	2.00	
1800.00	6.00	96.52	1799.45	-0.57	-1.78	15.59	453941.52	757338.89	2.00	Hold
1900.00	6.00	96.52	1898.90	-0.96	-2.97	25.98	453940.33	757349.28	0.00	
2000.00	6.00	96.52	1998.36	-1.34	-4.16	36.36	453939.14	757359.66	0.00	
2100.00	6.00	96.52	2097.81	-1.72	-5.34	46.75	453937.96	757370.05	0.00	
2200.00	6.00	96.52	2197.26	-2.10	-6.53	57.13	453936.77	757380.43	0.00	
2300.00	6.00	96.52	2296.71	-2.48	-7.72	67.52	453935.58	757390.82	0.00	
2400.00	6.00	96.52	2396.17	-2.87	-8.90	77.90	453934.40	757401.20	0.00	
2500.00	6.00	96.52	2495.62	-3.25	-10.09	88.29	453933.21	757411.59	0.00	
2600.00	6.00	96.52	2595.07	-3.63	-11.28	98.67	453932.02	757421.97	0.00	
2700.00	6.00	96.52	2694.52	-4.01	-12.46	109.06	453930.84	757432.36	0.00	
2800.00	6.00	96.52	2793.97	-4.40	-13.65	119.44	453929.65	757442.74	0.00	
2900.00	6.00	96.52	2893.43	-4.78	-14.84	129.83	453928.46	757453.13	0.00	
3000.00	6.00	96.52	2992.88	-5.16	-16.03	140.21	453927.27	757463.51	0.00	
3100.00	6.00	96.52	3092.33	-5.54	-17.21	150.60	453926.09	757473.90	0.00	
3200.00	6.00	96.52	3191.78	-5.92	-18.40	160.99	453924.90	757484.29	0.00	
3300.00	6.00	96.52	3291.23	-6.31	-19.59	171.37	453923.71	757494.67	0.00	
3400.00	6.00	96.52	3390.69	-6.69	-20.77	181.76	453922.53	757505.06	0.00	
3500.00	6.00	96.52	3490.14	-7.07	-21.96	192.14	453921.34	757515.44	0.00	
3600.00	6.00	96.52	3589.59	-7.45	-23.15	202.53	453920.15	757525.83	0.00	
3700.00	6.00	96.52	3689.04	-7.84	-24.33	212.91	453918.97	757536.21	0.00	
3800.00	6.00	96.52	3788.50	-8.22	-25.52	223.30	453917.78	757546.60	0.00	
3900.00	6.00	96.52	3887.95	-8.60	-26.71	233.68	453916.59	757556.98	0.00	
4000.00	6.00	96.52	3987.40	-8.98	-27.89	244.07	453915.41	757567.37	0.00	
4100.00	6.00	96.52	4086.85	-9.36	-29.08	254.45	453914.22	757577.75	0.00	
4200.00	6.00	96.52	4186.30	-9.75	-30.27	264.84	453913.03	757588.14	0.00	
4300.00	6.00	96.52	4285.76	-10.13	-31.46	275.22	453911.84	757598.52	0.00	
4400.00	6.00	96.52	4385.21	-10.51	-32.64	285.61	453910.66	757608.91	0.00	
4500.00	6.00	96.52	4484.66	-10.89	-33.83	295.99	453909.47	757619.29	0.00	
4600.00	6.00	96.52	4584.11	-11.27	-35.02	306.38	453908.28	757629.68	0.00	
4700.00	6.00	96.52	4683.57	-11.66	-36.20	316.76	453907.10	757640.06	0.00	
4800.00	6.00	96.52	4783.02	-12.04	-37.39	327.15	453905.91	757650.45	0.00	
4900.00	6.00	96.52	4882.47	-12.42	-38.58	337.53	453904.72	757660.83	0.00	
5000.00	6.00	96.52	4981.92	-12.80	-39.76	347.92	453903.54	757671.22	0.00	
5100.00	6.00	96.52	5081.37	-13.19	-40.95	358.31	453902.35	757681.61	0.00	

5D Plan Report

Interpolated Points: (Relative to Slot centre)(TVD relative to Drill Floor)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	Comment
5200.00	6.00	96.52	5180.83	-13.57	-42.14	368.69	453901.16	757691.99	0.00	
5300.00	6.00	96.52	5280.28	-13.95	-43.32	379.08	453899.98	757702.38	0.00	
5400.00	6.00	96.52	5379.73	-14.33	-44.51	389.46	453898.79	757712.76	0.00	
5500.00	6.00	96.52	5479.18	-14.71	-45.70	399.85	453897.60	757723.15	0.00	
5600.00	6.00	96.52	5578.64	-15.10	-46.89	410.23	453896.41	757733.53	0.00	
5700.00	6.00	96.52	5678.09	-15.48	-48.07	420.62	453895.23	757743.92	0.00	
5800.00	6.00	96.52	5777.54	-15.86	-49.26	431.00	453894.04	757754.30	0.00	
5900.00	6.00	96.52	5876.99	-16.24	-50.45	441.39	453892.85	757764.69	0.00	
6000.00	6.00	96.52	5976.44	-16.63	-51.63	451.77	453891.67	757775.07	0.00	
6100.00	6.00	96.52	6075.90	-17.01	-52.82	462.16	453890.48	757785.46	0.00	
6200.00	6.00	96.52	6175.35	-17.39	-54.01	472.54	453889.29	757795.84	0.00	
6300.00	6.00	96.52	6274.80	-17.77	-55.19	482.93	453888.11	757806.23	0.00	
6400.00	6.00	96.52	6374.25	-18.15	-56.38	493.31	453886.92	757816.61	0.00	
6500.00	6.00	96.52	6473.70	-18.54	-57.57	503.70	453885.73	757827.00	0.00	
6600.00	6.00	96.52	6573.16	-18.92	-58.75	514.08	453884.55	757837.38	0.00	
6700.00	6.00	96.52	6672.61	-19.30	-59.94	524.47	453883.36	757847.77	0.00	
6800.00	6.00	96.52	6772.06	-19.68	-61.13	534.85	453882.17	757858.15	0.00	
6900.00	6.00	96.52	6871.51	-20.06	-62.31	545.24	453880.99	757868.54	0.00	
7000.00	6.00	96.52	6970.97	-20.45	-63.50	555.62	453879.80	757878.92	0.00	
7100.00	6.00	96.52	7070.42	-20.83	-64.69	566.01	453878.61	757889.31	0.00	
7200.00	6.00	96.52	7169.87	-21.21	-65.88	576.40	453877.42	757899.70	0.00	
7300.00	6.00	96.52	7269.32	-21.59	-67.06	586.78	453876.24	757910.08	0.00	
7400.00	6.00	96.52	7368.77	-21.98	-68.25	597.17	453875.05	757920.47	0.00	
7500.00	6.00	96.52	7468.23	-22.36	-69.44	607.55	453873.86	757930.85	0.00	
7600.00	6.00	96.52	7567.68	-22.74	-70.62	617.94	453872.68	757941.24	0.00	
7700.00	6.00	96.52	7667.13	-23.12	-71.81	628.32	453871.49	757951.62	0.00	
7800.00	6.00	96.52	7766.58	-23.50	-73.00	638.71	453870.30	757962.01	0.00	
7900.00	6.00	96.52	7866.04	-23.89	-74.18	649.09	453869.12	757972.39	0.00	
8000.00	6.00	96.52	7965.49	-24.27	-75.37	659.48	453867.93	757982.78	0.00	
8100.00	6.00	96.52	8064.94	-24.65	-76.56	669.86	453866.74	757993.16	0.00	
8200.00	6.00	96.52	8164.39	-25.03	-77.74	680.25	453865.56	758003.55	0.00	
8263.60	6.00	96.52	8227.64	-25.28	-78.50	686.85	453864.80	758010.15	0.00	Drop
8300.00	5.27	96.52	8263.87	-25.41	-78.91	690.40	453864.39	758013.70	2.00	
8400.00	3.27	96.52	8363.58	-25.68	-79.75	697.80	453863.55	758021.10	2.00	
8500.00	1.27	96.52	8463.50	-25.82	-80.20	701.74	453863.10	758025.04	2.00	
8563.60	0.00	0.00	8527.09	-25.85	-80.28	702.44	453863.02	758025.74	2.00	Hold
8600.00	0.00	0.00	8563.50	-25.85	-80.28	702.44	453863.02	758025.74	0.00	
8700.00	0.00	0.00	8663.50	-25.85	-80.28	702.44	453863.02	758025.74	0.00	
8800.00	0.00	0.00	8763.50	-25.85	-80.28	702.44	453863.02	758025.74	0.00	
8900.00	0.00	0.00	8863.50	-25.85	-80.28	702.44	453863.02	758025.74	0.00	
9000.00	0.00	0.00	8963.50	-25.85	-80.28	702.44	453863.02	758025.74	0.00	
9100.00	0.00	0.00	9063.50	-25.85	-80.28	702.44	453863.02	758025.74	0.00	
9200.00	0.00	0.00	9163.50	-25.85	-80.28	702.44	453863.02	758025.74	0.00	
9300.00	0.00	0.00	9263.50	-25.85	-80.28	702.44	453863.02	758025.74	0.00	
9400.00	0.00	0.00	9363.50	-25.85	-80.28	702.44	453863.02	758025.74	0.00	
9500.00	0.00	0.00	9463.50	-25.85	-80.28	702.44	453863.02	758025.74	0.00	
9600.00	0.00	0.00	9563.50	-25.85	-80.28	702.44	453863.02	758025.74	0.00	
9700.00	0.00	0.00	9663.50	-25.85	-80.28	702.44	453863.02	758025.74	0.00	
9800.00	0.00	0.00	9763.50	-25.85	-80.28	702.44	453863.02	758025.74	0.00	
9900.00	0.00	0.00	9863.50	-25.85	-80.28	702.44	453863.02	758025.74	0.00	
10000.00	0.00	0.00	9963.50	-25.85	-80.28	702.44	453863.02	758025.74	0.00	
10088.54	0.00	0.00	10052.04	-25.85	-80.28	702.44	453863.02	758025.74	0.00	KOP
10100.00	1.15	359.43	10063.49	-25.74	-80.17	702.44	453863.13	758025.74	10.00	
10200.00	11.15	359.43	10162.79	-15.08	-69.48	702.34	453873.82	758025.64	10.00	
10300.00	21.15	359.43	10258.73	12.58	-41.70	702.06	453901.60	758025.36	10.00	
10400.00	31.15	359.43	10348.38	56.42	2.30	701.62	453945.60	758024.92	10.00	
10500.00	41.15	359.43	10429.03	115.11	61.21	701.03	454004.51	758024.33	10.00	
10600.00	51.15	359.43	10498.23	186.85	133.22	700.30	454076.52	758023.60	10.00	
10700.00	61.15	359.43	10553.86	269.48	216.16	699.47	454159.46	758022.77	10.00	

5D Plan Report

Interpolated Points: (Relative to Slot centre)(TVD relative to Drill Floor)										Comment
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	
10800.00	71.15	359.43	10594.25	360.47	307.50	698.56	454250.80	758021.86	10.00	LP
10900.00	81.15	359.43	10618.17	457.07	404.46	697.59	454347.76	758020.89	10.00	
10988.54	90.00	359.43	10625.00	544.93	492.65	696.70	454435.95	758020.00	10.00	
11000.00	90.00	359.43	10625.00	556.34	504.10	696.59	454447.40	758019.89	0.00	
11100.00	90.00	359.43	10625.00	655.96	604.10	695.59	454547.40	758018.89	0.00	
11200.00	90.00	359.43	10625.00	755.58	704.09	694.58	454647.39	758017.88	0.00	
11300.00	90.00	359.43	10625.00	855.20	804.09	693.58	454747.39	758016.88	0.00	
11400.00	90.00	359.43	10625.00	954.82	904.08	692.58	454847.38	758015.88	0.00	
11500.00	90.00	359.43	10625.00	1054.44	1004.08	691.58	454947.38	758014.88	0.00	
11600.00	90.00	359.43	10625.00	1154.06	1104.07	690.58	455047.37	758013.88	0.00	
11700.00	90.00	359.43	10625.00	1253.68	1204.07	689.58	455147.37	758012.88	0.00	
11800.00	90.00	359.43	10625.00	1353.30	1304.06	688.57	455247.36	758011.87	0.00	
11900.00	90.00	359.43	10625.00	1452.92	1404.06	687.57	455347.36	758010.87	0.00	
12000.00	90.00	359.43	10625.00	1552.54	1504.05	686.57	455447.35	758009.87	0.00	
12100.00	90.00	359.43	10625.00	1652.16	1604.05	685.57	455547.35	758008.87	0.00	
12200.00	90.00	359.43	10625.00	1751.78	1704.04	684.57	455647.34	758007.87	0.00	
12300.00	90.00	359.43	10625.00	1851.40	1804.04	683.56	455747.34	758006.86	0.00	
12400.00	90.00	359.43	10625.00	1951.02	1904.03	682.56	455847.33	758005.86	0.00	
12500.00	90.00	359.43	10625.00	2050.64	2004.03	681.56	455947.33	758004.86	0.00	
12600.00	90.00	359.43	10625.00	2150.26	2104.02	680.56	456047.32	758003.86	0.00	
12700.00	90.00	359.43	10625.00	2249.87	2204.02	679.56	456147.32	758002.86	0.00	
12800.00	90.00	359.43	10625.00	2349.49	2304.01	678.55	456247.31	758001.85	0.00	
12900.00	90.00	359.43	10625.00	2449.11	2404.01	677.55	456347.31	758000.85	0.00	
13000.00	90.00	359.43	10625.00	2548.73	2504.00	676.55	456447.30	757999.85	0.00	
13100.00	90.00	359.43	10625.00	2648.35	2604.00	675.55	456547.30	757998.85	0.00	
13200.00	90.00	359.43	10625.00	2747.97	2703.99	674.55	456647.29	757997.85	0.00	
13300.00	90.00	359.43	10625.00	2847.59	2803.99	673.54	456747.29	757996.84	0.00	
13400.00	90.00	359.43	10625.00	2947.21	2903.98	672.54	456847.28	757995.84	0.00	
13500.00	90.00	359.43	10625.00	3046.83	3003.98	671.54	456947.28	757994.84	0.00	
13600.00	90.00	359.43	10625.00	3146.45	3103.97	670.54	457047.27	757993.84	0.00	
13700.00	90.00	359.43	10625.00	3246.07	3203.97	669.54	457147.27	757992.84	0.00	
13800.00	90.00	359.43	10625.00	3345.69	3303.96	668.53	457247.26	757991.83	0.00	
13900.00	90.00	359.43	10625.00	3445.31	3403.96	667.53	457347.26	757990.83	0.00	
14000.00	90.00	359.43	10625.00	3544.93	3503.95	666.53	457447.25	757989.83	0.00	
14100.00	90.00	359.43	10625.00	3644.55	3603.95	665.53	457547.25	757988.83	0.00	
14200.00	90.00	359.43	10625.00	3744.17	3703.94	664.53	457647.24	757987.83	0.00	
14300.00	90.00	359.43	10625.00	3843.79	3803.94	663.52	457747.24	757986.82	0.00	
14400.00	90.00	359.43	10625.00	3943.41	3903.93	662.52	457847.23	757985.82	0.00	
14500.00	90.00	359.43	10625.00	4043.03	4003.93	661.52	457947.23	757984.82	0.00	
14600.00	90.00	359.43	10625.00	4142.65	4103.92	660.52	458047.22	757983.82	0.00	
14700.00	90.00	359.43	10625.00	4242.27	4203.92	659.52	458147.22	757982.82	0.00	
14800.00	90.00	359.43	10625.00	4341.89	4303.91	658.52	458247.21	757981.82	0.00	
14900.00	90.00	359.43	10625.00	4441.51	4403.91	657.51	458347.21	757980.81	0.00	
15000.00	90.00	359.43	10625.00	4541.13	4503.90	656.51	458447.20	757979.81	0.00	
15100.00	90.00	359.43	10625.00	4640.75	4603.90	655.51	458547.20	757978.81	0.00	
15200.00	90.00	359.43	10625.00	4740.37	4703.89	654.51	458647.19	757977.81	0.00	
15300.00	90.00	359.43	10625.00	4839.99	4803.89	653.51	458747.19	757976.81	0.00	
15400.00	90.00	359.43	10625.00	4939.61	4903.88	652.50	458847.18	757975.80	0.00	
15500.00	90.00	359.43	10625.00	5039.23	5003.88	651.50	458947.18	757974.80	0.00	
15600.00	90.00	359.43	10625.00	5138.85	5103.87	650.50	459047.17	757973.80	0.00	
15700.00	90.00	359.43	10625.00	5238.46	5203.87	649.50	459147.17	757972.80	0.00	
15800.00	90.00	359.43	10625.00	5338.08	5303.86	648.50	459247.16	757971.80	0.00	
15900.00	90.00	359.43	10625.00	5437.70	5403.86	647.49	459347.16	757970.79	0.00	
16000.00	90.00	359.43	10625.00	5537.32	5503.85	646.49	459447.15	757969.79	0.00	
16100.00	90.00	359.43	10625.00	5636.94	5603.85	645.49	459547.15	757968.79	0.00	
16200.00	90.00	359.43	10625.00	5736.56	5703.84	644.49	459647.14	757967.79	0.00	
16300.00	90.00	359.43	10625.00	5836.18	5803.84	643.49	459747.14	757966.79	0.00	
16400.00	90.00	359.43	10625.00	5935.80	5903.83	642.48	459847.13	757965.78	0.00	
16500.00	90.00	359.43	10625.00	6035.42	6003.83	641.48	459947.13	757964.78	0.00	

5D Plan Report

Interpolated Points: (Relative to Slot centre)(TVD relative to Drill Floor)										Comment
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	
16600.00	90.00	359.43	10625.00	6135.04	6103.82	640.48	460047.12	757963.78	0.00	
16700.00	90.00	359.43	10625.00	6234.66	6203.82	639.48	460147.12	757962.78	0.00	
16800.00	90.00	359.43	10625.00	6334.28	6303.81	638.48	460247.11	757961.78	0.00	
16900.00	90.00	359.43	10625.00	6433.90	6403.81	637.47	460347.11	757960.77	0.00	
17000.00	90.00	359.43	10625.00	6533.52	6503.80	636.47	460447.10	757959.77	0.00	
17100.00	90.00	359.43	10625.00	6633.14	6603.80	635.47	460547.10	757958.77	0.00	
17200.00	90.00	359.43	10625.00	6732.76	6703.79	634.47	460647.09	757957.77	0.00	
17300.00	90.00	359.43	10625.00	6832.38	6803.79	633.47	460747.09	757956.77	0.00	
17400.00	90.00	359.43	10625.00	6932.00	6903.78	632.46	460847.08	757955.76	0.00	
17500.00	90.00	359.43	10625.00	7031.62	7003.78	631.46	460947.08	757954.76	0.00	
17600.00	90.00	359.43	10625.00	7131.24	7103.77	630.46	461047.07	757953.76	0.00	
17700.00	90.00	359.43	10625.00	7230.86	7203.77	629.46	461147.07	757952.76	0.00	
17800.00	90.00	359.43	10625.00	7330.48	7303.76	628.46	461247.06	757951.76	0.00	
17900.00	90.00	359.43	10625.00	7430.10	7403.76	627.45	461347.06	757950.75	0.00	
18000.00	90.00	359.43	10625.00	7529.72	7503.75	626.45	461447.05	757949.75	0.00	
18100.00	90.00	359.43	10625.00	7629.34	7603.75	625.45	461547.05	757948.75	0.00	
18200.00	90.00	359.43	10625.00	7728.96	7703.74	624.45	461647.04	757947.75	0.00	
18300.00	90.00	359.43	10625.00	7828.58	7803.74	623.45	461747.04	757946.75	0.00	
18400.00	90.00	359.43	10625.00	7928.20	7903.73	622.45	461847.03	757945.75	0.00	
18500.00	90.00	359.43	10625.00	8027.82	8003.73	621.44	461947.03	757944.74	0.00	
18524.28	90.00	359.43	10625.00	8052.00	8028.00	621.20	461971.30	757944.50	0.00	PBHL 236H Lat



Weatherford

Weatherford Drilling Services

GeoDec4 v2.5.0.0

Report Date: December 08, 2016
Job Number: _____
Customer: Kaiser Francis Oil Company
Well Name: Bell Lake Unit South #263H
API Number: _____
Rig Name: _____
Location: Lea Co, NM Nad 27 NME
Block: _____
Engineer: RWJ

NAD27 / New Mexico East	NAD27
Projected Coordinate System	Geodetic Coordinate System
Datum: North American Datum 1927	Datum: North American Datum 1927
Ellipsoid: Clarke 1866	Ellipsoid: Clarke 1866
EPSG: 32012	EPSG: 4267
North: 453943.30 US Survey Foot	Latitude: 32.245266 Degree
East: 757323.30 US Survey Foot	Longitude: -103.501034 Degree
Convergence: 0.44°	
Declination: 7.02°	
Total Correction: 6.58°	
Datum Transformation: none	

Geodetic Location WGS84

MSL Elevation = 0 m
Latitude = 32° 14' 42.96" N
Longitude = 103° 30' 03.72" W

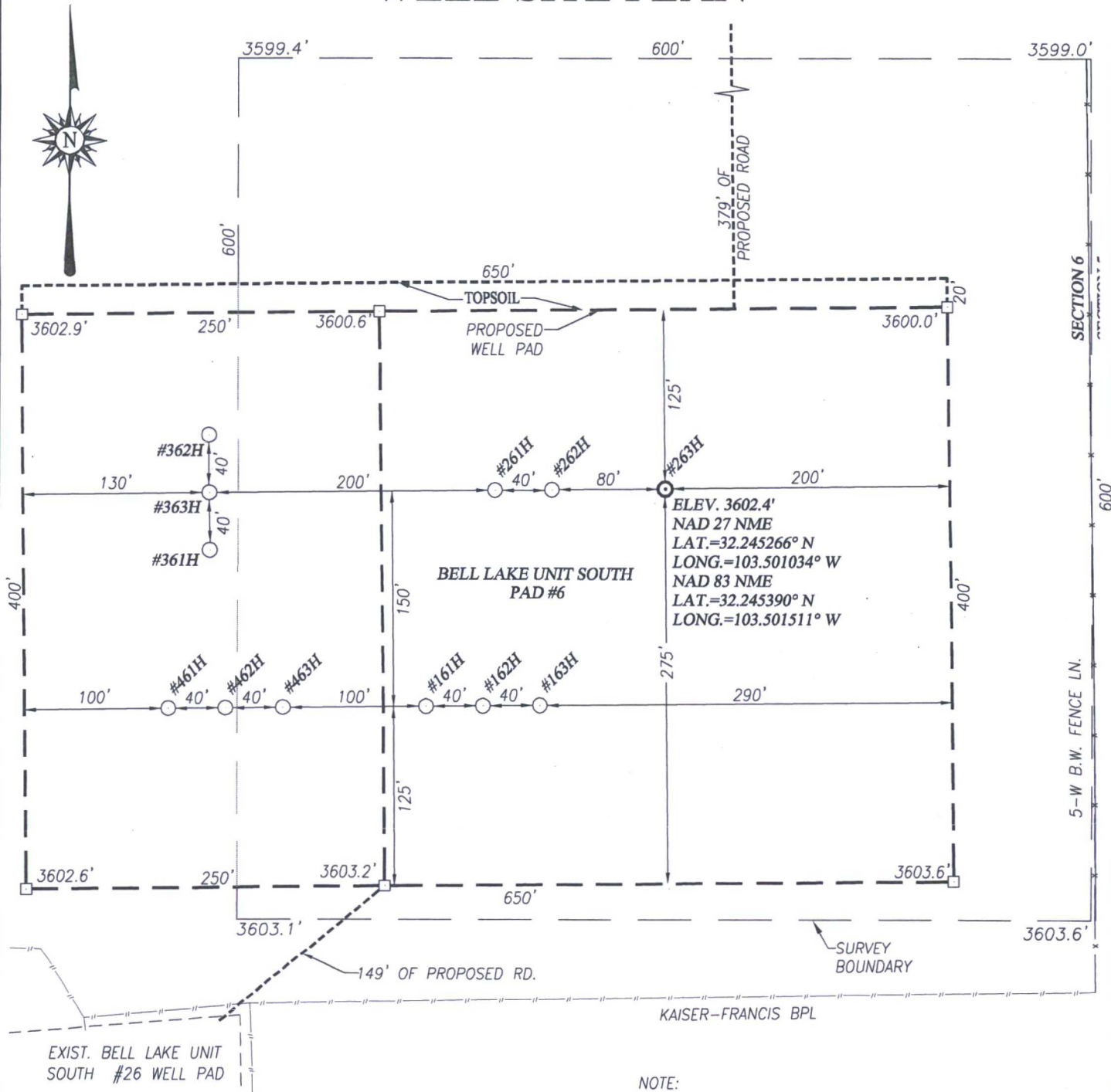
Magnetic Declination = 7.02 deg	[True North Offset]
Local Gravity = .9988 g	Checksum = 6578
Local Field Strength = 48098 nT	Magnetic Vector X = 23790 nT
Magnetic Dip = 60.11 deg	Magnetic Vector Y = 2929 nT
Magnetic Model = bggm2016.bgs	Magnetic Vector Z = 41700 nT
Run Date = January 15, 2017	Magnetic Vector H = 23970 nT

Signed: _____ Date: _____

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Warning: This information is controlled, and any printed version is deemed as uncontrolled unless suitably endorsed by a controlling authority or accompanied by a controlled table of contents in order to ensure adequate revision control.

WELL SITE PLAN



DIRECTIONS TO BELL LAKE UNIT SOUTH #263H:

FROM THE INTERSECTION OF ST. HWY. 128 AND CO. RD. E21 (DELAWARE BASIN RD.), GO NORTH ON CO. RD. E21 APPROX. 2.6 MILES TO CO. RD. J1 (BELL LAKE RD.). TURN RIGHT ON LEASE ROAD AND GO EAST-SOUTHEAST APPROX. 0.55 MILES TO THE KAISER-FRANCIS BELL LAKE UNIT SOUTH #26 WELL PAD. FOLLOW PROPOSED ACCESS ROAD NORTHEAST FROM THE NORTHEAST CORNER OF THIS EXISTING WELL PAD APPROX. 149 FEET TO THE SOUTH SIDE OF THIS LOCATION. THIS WELL IS NORTHEAST APPROX. 340 FEET.

PROVIDING SURVEYING SERVICES
SINCE 1946

JOHN WEST SURVEYING COMPANY

412 N. DAL PASO HOBBS, N.M. 88240
 (575) 393-3117 www.jwsc.biz
 TBPLS# 10021000



KAISER-FRANCIS OIL COMPANY

**BELL LAKE UNIT SOUTH #263H WELL LOCATED
 2200 FEET FROM THE SOUTH LINE AND 300 FEET FROM THE
 EAST LINE OF SECTION 6, TOWNSHIP 24 SOUTH,
 RANGE 34 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO**

Survey Date: 2/29/16 CAD Date: 3/25/16 Drawn By: ACK

W.O. No.: 16110165 Rev: 4/21/16 Rel. W.O.: Sheet 1 of 1

Kaiser Francis Oil Company
Bell Lake Unit South #263H
Lateral
Lea Co, NM



Plan Data for Bell Lake Unit South #263H Lat

Plan Point Information:

DogLeg Severity Unit: °/100.00ft Position offsets from Slot centre

MD	Inc	Az	TVD	+N/-S	+E/-W	Northing	Easting	VSec	DLS Comments
(USft)	(°)	(°)	(USft)	(USft)	(USft)	(USft)	(USft)	(USft)	(DLSU)
10088.54	0.00	0.00	10052.04	-80.28	702.44	453863.02	758025.74	-25.85	0.00 KOP
10988.54	90.00	359.43	10625.00	492.65	696.70	454435.95	758020.00	544.93	10.00 LP
18524.28	90.00	359.43	10625.00	8028.00	621.20	461971.30	757944.50	8052.00	0.00 PBHL 236H Lat

Plan Data for Bell Lake Unit South #263H Lat

Field: KFOC Lea Co, NM (Nad 27 NME)
Map Unit: USFt
Vertical Reference Datum (VRD):
Projected Coordinate System: NAD27 / New Mexico East

Site: Bell Lake Unit South #263H
Unit: USFeet
Company Name: Kaiser Francis Oil Company
Position: Northing: 453943.30USFt Latitude: 32.245266°
Easting: 757323.30USFt Longitude: -103.501034°
North Reference: Grid Grid Convergence: 0.44°
Elevation Above VRD: 3602.00USFt

Slot: Bell Lake Unit South #263H
Position:
Offset is from Site centre
+N/-S: 0.00USFt Northing: 453943.30USFt Latitude: 32.245266°
+E/-W: 0.00USFt Easting: 757323.30USFt Longitude: -103.501034°
Elevation Above VRD: 3602.00USFt

Well: Bell Lake Unit South #263H Lat
Type: Side-Track
File Number:

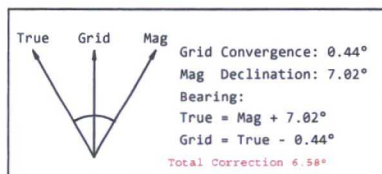
Plan Folder: P1 Plan: P1:V2
Vertical Section: Position offset of origin from Slot centre:
+N/-S: -0.00USFt Azimuth: 4.42°
+E/-W: 0.00USFt
Magnetic Parameters:
Model: Field Strength: Declination: Dip: Date:
bggm2016 48098(nT) 7.02° 60.11° 2017-01-15

Plan Data for Bell Lake Unit South #263H Lat

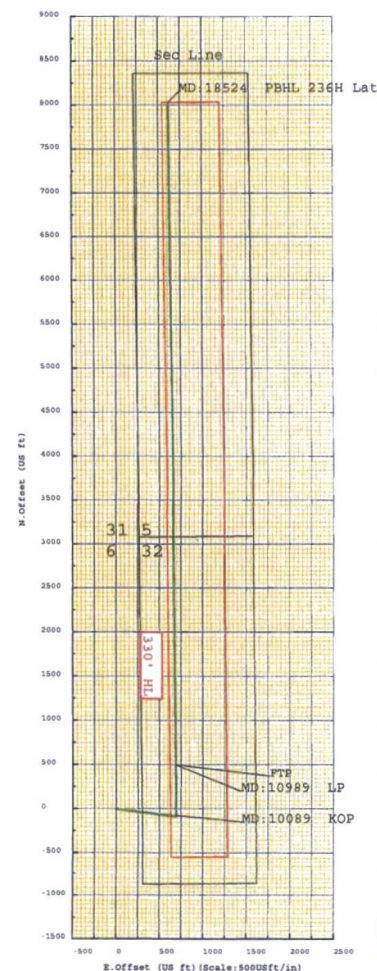
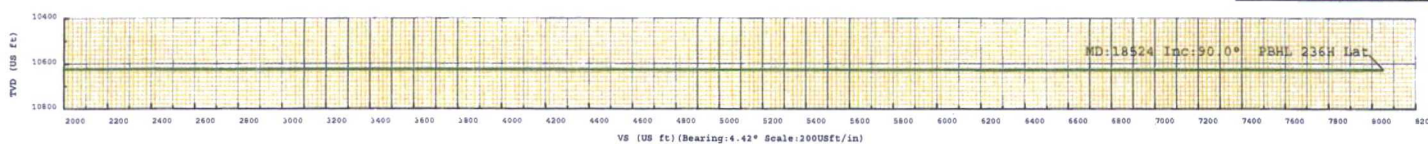
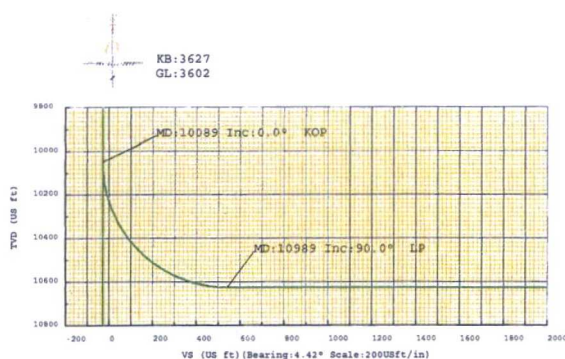
Target Set Information:

Name: Bell Lake Unit South #263H Lat
Position offsets from Slot centre

Name	TVD	TVD SS	+N/-S	+E/-W	Northing	Easting
(USft)	(USft)	(USft)	(USft)	(USft)	(USft)	(USft)
FTP 10625.00	-6998.00	493.30	694.60	454436.60	758017.90	
PBHL 236H 10625.00	-6998.00	8028.00	621.20	461971.30	757944.50	



Bell Lake Unit South #263H Lat
Bell Lake Unit South #263H Pilot



Drawing By: RWD Date: 12-8-2016
Weatherford Drilling Services
10,000 Pilot Ave.
Midland, TX 79711
+1.432.561.8892 Main
+1.432.561.8895 Fax

EXHIBIT A-1

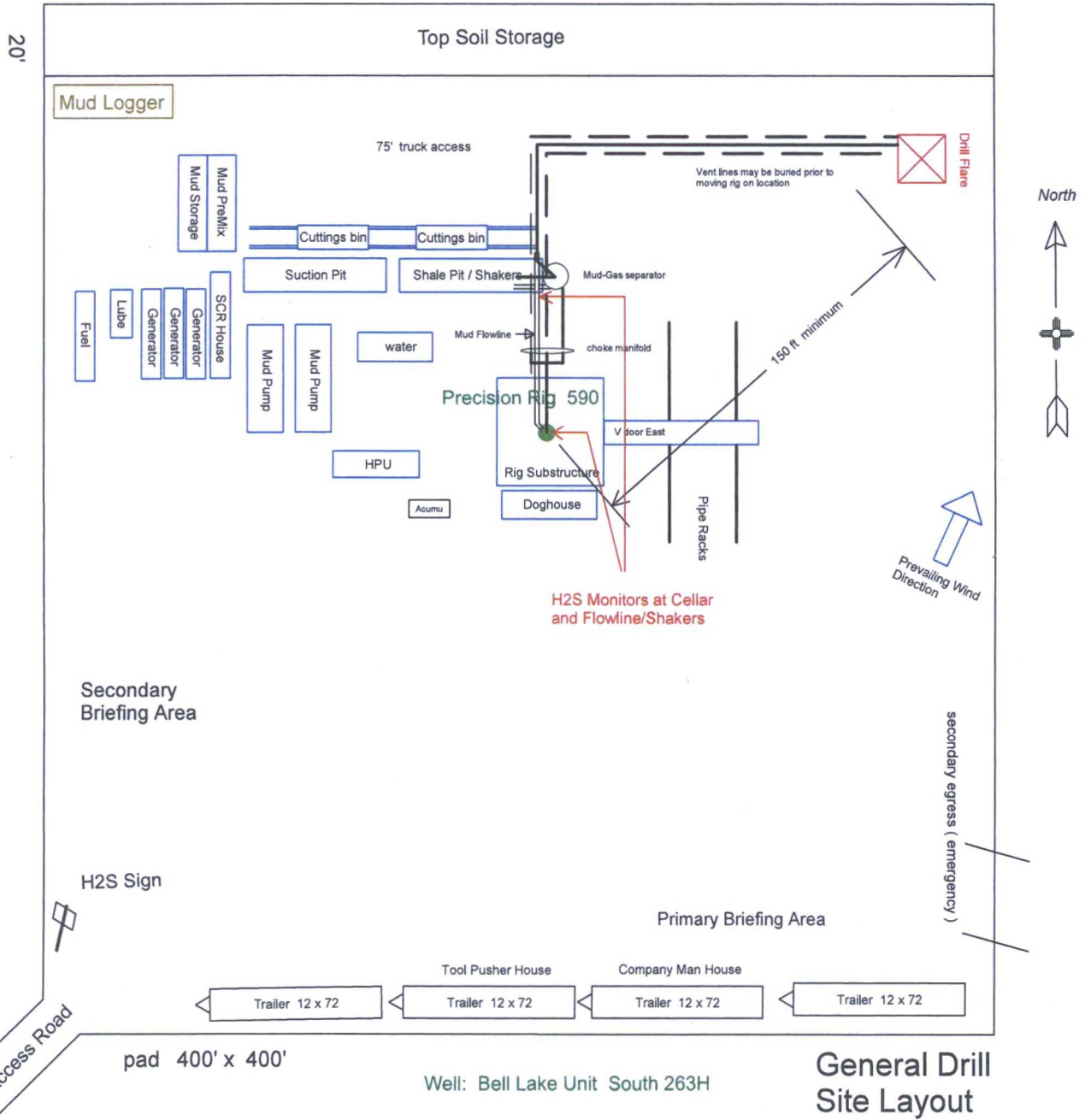
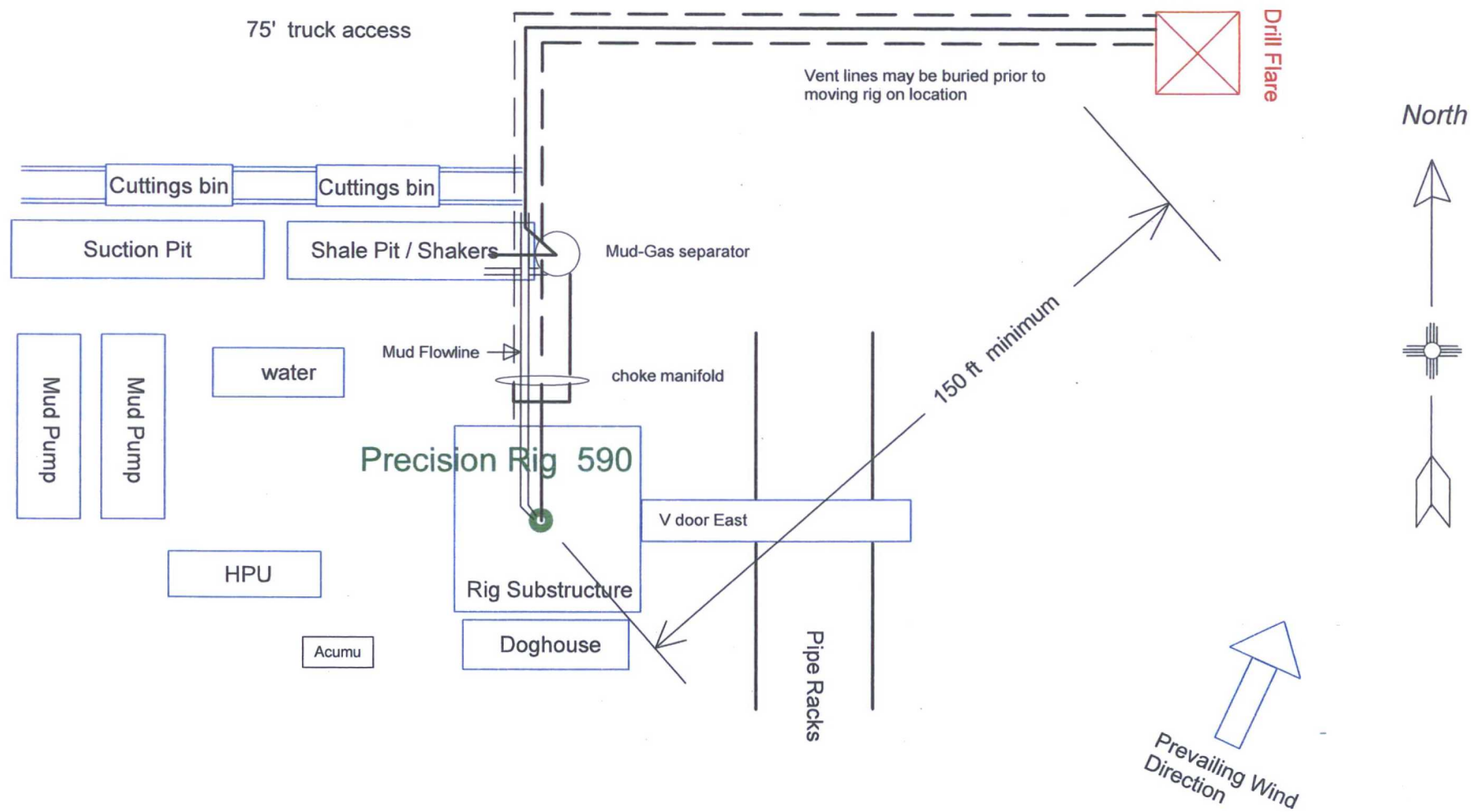


EXHIBIT A-2



Well: Bell Lake Unit South 263H

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720

DISTRICT III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name BELL LAKE UNIT SOUTH	Well Number 263H
OGRID No.	Operator Name KAISER-FRANCIS OIL COMPANY	Elevation 3602'

Surface Location

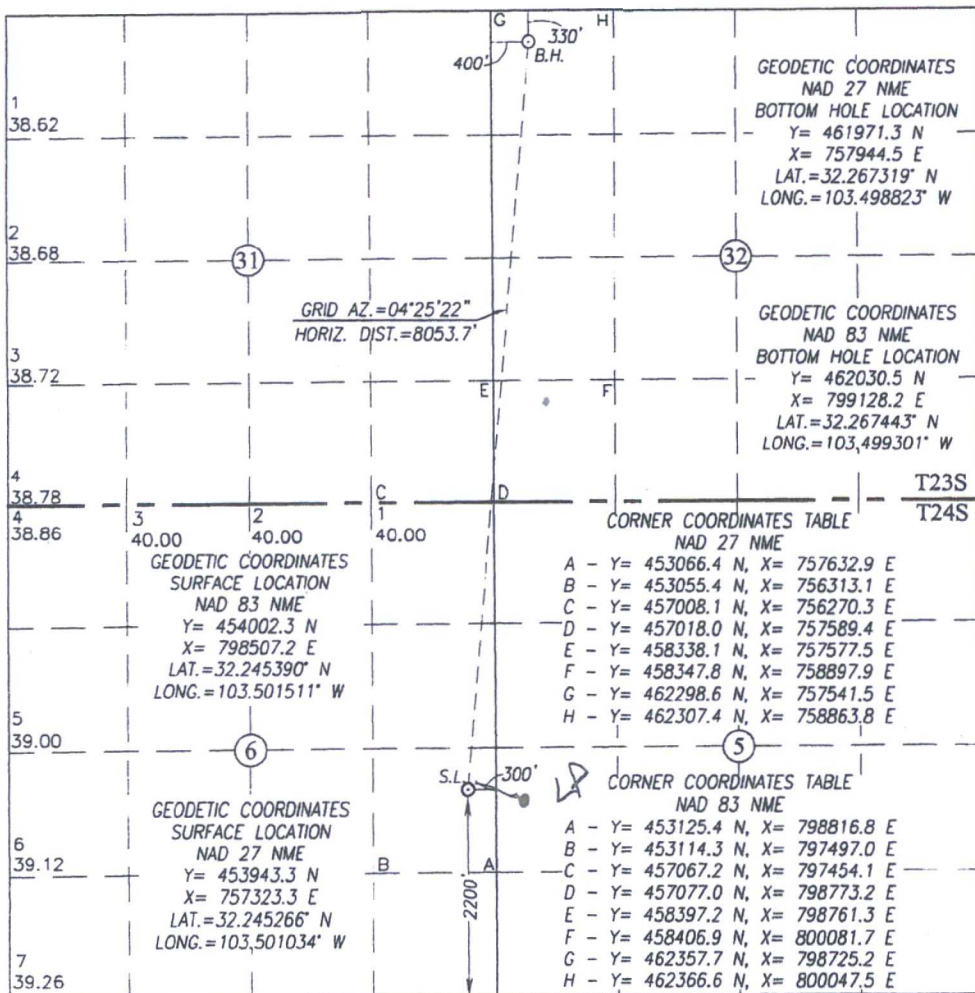
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	6	24-S	34-E		2200	SOUTH	300	EAST	LEA

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
D	32	23-S	34-E		330	NORTH	400	WEST	LEA

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



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.

Signature *12/16/16*
Date

STEVEN A. DOWDY
Printed Name

TRIMANRES@SPCGLOBAL.NET
E-mail Address

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

FEBRUARY 29, 2016

Date of Survey
Signature & Seal of Professional Surveyor:

Signature
Certificate Number
Gary G. Eidson 12641
Ronald J. Eidson 3239

ACK REV: 4/21/16 JWSC W.O 16.11.0165