UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OCD - HOBBS 04/10/2020

FORM APPROVED OMB No. 1004-0137

Expires: January 31, 2018

6. If Indian, Allotee or Tribe Name

5. Lease Serial No. NMLC0061374A

APPLICATION FOR PE	RMIT TO D	DRILL OR	REENTER
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	EENTER			7. If Unit or CA Agre BELL LAKE / NMN		
	ther			8. Lease Name and V	Vell No.	
1c. Type of Completion: ☐ Hydraulic Fracturing ✓ Si	ngle Zone	Multiple Zone		BELL LAKE UNIT S	31670	6
2. Name of Operator KAISER FRANCIS OIL COMPANY 12361					25-470	
3a. Address		lo. (include area code	e)	10. Field and Pool, o	•	•
6733 S. Yale Ave. Tulsa OK 74121	(918)491-0	000		BELL LAKE / WOL	FCAMP	98265
4. Location of Well (Report location clearly and in accordance v	vith any State	requirements.*)		11. Sec., T. R. M. or		-
At surface NESW / 1742 FSL / 1945 FWL / LAT 32.244	10983 / LON	G -103.4942492		SEC 5 / T24S / R34	ŧΕ / NM	Р
At proposed prod. zone NENW / 330 FNL / 2110 FWL / L	AT 32.2674	388 / LONG -103.4	1937721			
14. Distance in miles and direction from nearest town or post offi 19 miles	ce*			12. County or Parish LEA		13. State NM
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No of ac	eres in lease	17. Spacii 479.92	ng Unit dedicated to th	is well	
 Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 	19. Propose 12501 feet	d Depth / 20608 feet		BIA Bond No. in file		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3596 feet	22. Approxi 07/01/2019	mate date work will	start*	23. Estimated duration 40 days	on	
	24. Attac	hments		1		
The following, completed in accordance with the requirements of (as applicable)	Onshore Oil	and Gas Order No. 1	, and the H	Hydraulic Fracturing ru	le per 43	3 CFR 3162.3-3
Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest Systems of the Surveyor		Item 20 above). 5. Operator certific	cation.	ns unless covered by an armation and/or plans as	_	
SUPO must be filed with the appropriate Forest Service Office)?	BLM.	becine intoi	mation and/or plans as	may be n	equested by the
25. Signature (Electronic Submission)		(Printed/Typed) lle Parker / Ph: (57	5)318-970		Date 03/25/2	2019
Title Regulatory Analyst	•					
Approved by <i>(Signature)</i> (Electronic Submission)		(Printed/Typed) Layton / Ph: (575)2	234-5959		Date 03/30/2	2020
Title Assistant Field Manager Lands & Minerals	Office CARL	SBAD		'		

Application approval 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.

Conditions of approval, if any, are attached.

Assistant Field Manager Lands & Minerals

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.

GCP Rec 04/10/2020





SL

*(Instructions on page 2)

PECOS DISTRICT DRILLING OPERATIONS CONDITIONS OF APPROVAL

OPERATOR'S NAME:
LEASE NO.:
NMLC0061374A
WELL NAME & NO.:
Bell Lake Unit South 433H
SURFACE HOLE FOOTAGE:
1742' FSL & 1945' FWL
BOTTOM HOLE FOOTAGE 330' FNL & 2110' FWL
LOCATION:
COUNTY: Lea County, New Mexico

H2S	Yes	○ No	
Potash	None	© Secretary	○ R-111-P
Cave/Karst Potential	• Low	© Medium	□ High
Variance	© None	© Flex Hose	Other Other
Wellhead	Conventional	• Multibowl	© Both
Other	4 String Area	Capitan Reef	□WIPP
Other	Fluid Filled	Cement Squeeze	Pilot Hole
Special Requirements	Water Disposal	□ COM	✓ Unit

A. HYDROGEN SULFIDE

1. A Hydrogen Sulfide (H2S) Drilling Plan shall be activated **500 feet** prior to drilling into the **Bell Lake** producing formations. As a result, the Hydrogen Sulfide area must meet Onshore Order 6 requirements, which includes equipment and personnel/public protection items. If Hydrogen Sulfide is encountered, please provide measured values and formations to the BLM.

B. CASING

- 1. The **10-3/4"** surface casing shall be set at approximately **1350'** (a minimum of 25' into the Rustler Anhydrite and above the salt) and cemented to surface.
 - a. **If cement does not circulate to surface,** the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of **6 hours** after pumping cement, ideally between 8-10 hours after.
 - b. WOC time for a primary cement job will be a minimum of <u>8 hours</u> or <u>500 psi</u> compressive strength, whichever is greater. This is to include the lead cement.
 - c. If cement falls back, remedial cementing will be done prior to drilling out the shoe.
 - d. WOC time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 psi compressive strength, whichever is greater.

- 2. The **7-5/8"** intermediate casing shall be cemented to surface.
 - a. If cement does not circulate to surface, see B.1.a, c & d.
- 3. The 5-1/2" production casing shall be cemented with at least 200' tie-back into the previous casing. Operator shall provide method of verification.

C. PRESSURE CONTROL

1. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be 10,000 (10M) psi. Variance approved to use a 5M annular. This annular must be tested to 70% of its rated pressure (3500 psi).

D. SPECIAL REQUIREMENTS

- 2. The well sign for a unit well shall include the unit number in addition to the surface and bottom hole lease numbers. This also applies to participating area numbers. If a participating area has not been established, the operator can use the general unit designation, but will replace the unit number with the participating area number once it has been established.
 - a. A commercial well determination shall be submit after production has been established for at least six months. Secondary recovery unit wells are exempt from this requirement.

DR 03/17/2020

GENERAL REQUIREMENTS

- 1. The BLM is to be notified in advance for a representative to witness:
 - a. Spudding the well (minimum of 24 hours)
 - b. Setting and/or Cementing of all casing strings (minimum of 4 hours)
 - c. BOP/BOPE tests (minimum of 4 hours)
 - Eddy County: Call the Carlsbad Field Office, (575) 361-2822
 - Lea County: Call the Hobbs Field Station, (575) 393-3612
- 2. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.
 - a. In the event the operator has proposed to drill multiple wells utilizing a skid/walking rig. Operator shall secure the wellbore on the current well, after installing and testing the wellhead, by installing a blind flange of like pressure rating to the wellhead and a pressure gauge that can be monitored while drilling is performed on the other well(s).
 - b. When the operator proposes to set surface casing with Spudder Rig:
 - i. Notify the BLM when moving in and removing the Spudder Rig.
 - ii. Notify the BLM when moving in the 2nd Rig. Rig to be moved in within 90 days of notification that Spudder Rig has left the location.
 - iii. BOP/BOPE test to be conducted per Onshore Oil and Gas Order No. 2 as soon as 2nd Rig is rigged up on well.
- 3. Floor controls are required for 3M or Greater systems. These controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on which the draw works are located, this does not include the dog house or stairway area.
- 4. The record of the drilling rate along with the GR/N well log run from TD to surface (horizontal well vertical portion of hole) shall be available upon request. The Rustler top and top and bottom of Salt are to be recorded on the Completion Report.

A. CASING

- 1. Changes to the approved APD casing program need prior approval if the items substituted are of lesser grade or different casing size or are Non-API. The Operator can exchange the components of the proposal with that of superior strength (i.e. changing from J-55 to N-80, or from 36# to 40#). Changes to the approved cement program need prior approval if the altered cement plan has less volume or strength or if the changes are substantial (i.e. Multistage tool, ECP, etc.). The initial wellhead installed on the well will remain on the well with spools used as needed.
- 2. <u>Wait on cement (WOC) for Potash Areas:</u> After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the

- following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi for all cement blends, 2) until cement has been in place at least 24 hours. WOC time will be recorded in the driller's log. The casing intergrity test can be done (prior to the cement setting up) immediately after bumping the plug.
- 3. Wait on cement (WOC) for Water Basin: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi at the shoe, 2) until cement has been in place at least 8 hours. WOC time will be recorded in the driller's log. See individual casing strings for details regarding lead cement slurry requirements. The casing intergrity test can be done (prior to the cement setting up) immediately after bumping the plug.
- 4. Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing each casing string. Have well-specific cement details onsite prior to pumping the cement for each casing string.
- 5. No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.
- 6. On the portion of well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.
- 7. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.
- 8. Whenever a casing string is cemented in the R-111-P potash area, the NMOCD requirements shall be followed.

B. PRESSURE CONTROL

- 1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2 and API RP 53 Sec. 17.
- 2. If a variance is approved for a flexible hose to be installed from the BOP to the choke manifold, the following requirements apply: The flex line must meet the requirements of API 16C. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's requirements. The flexible hose can be exchanged with a hose of equal size and equal or greater pressure rating. Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review. These documents shall be posted in the company man's trailer and on the rig floor.
- 3. If the operator has proposed a multi-bowl wellhead assembly in the APD. The following requirements must be met:

- a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
- b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
- c. Manufacturer representative shall install the test plug for the initial BOP test.
- d. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
- e. Whenever any seal subject to test pressure is broken, all the tests in Onshore Order 2 III.A.2.i must be followed.
- 5. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the BOP/BOPE tests.
 - a. In a water basin, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. The casing cut-off and BOP installation can be initiated four hours after installing the slips, which will be approximately six hours after bumping the plug. For those casing strings not using slips, the minimum wait time before cut-off is eight hours after bumping the plug. BOP/BOPE testing can begin after cut-off or once cement reaches 500 psi compressive strength (including lead when specified), whichever is greater. However, if the float does not hold, cut-off cannot be initiated until cement reaches 500 psi compressive strength (including lead when specified).
 - b. In potash areas, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. For all casing strings, casing cut-off and BOP installation can be initiated at twelve hours after bumping the plug. However, **no tests** shall commence until the cement has had a minimum of 24 hours setup time, except the casing pressure test which can be initiated immediately after bumping the plug (only applies to single-stage cement jobs).
 - c. The tests shall be done by an independent service company utilizing a test plug. The results of the test shall be made available upon request.
 - d. The test shall be run on a 5000 psi chart for a 2-3M BOP/BOP, on a 10000 psi chart for a 5M BOP/BOPE and on a 15000 psi chart for a 10M BOP/BOPE. If a linear chart is used, it shall be a one hour chart. A circular chart shall have a maximum 2 hour clock. If a twelve hour or twenty-four hour chart is used, tester shall make a notation that it is run with a two hour clock.
 - e. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes. This test shall be performed prior to the test at full stack pressure.
 - f. BOP/BOPE must be tested within 500 feet of the top of the Wolfcamp formation if the time between the setting of the intermediate casing and reaching this depth

exceeds 20 days. This test does not exclude the test prior to drilling out the casing shoe as per Onshore Order No. 2.

C. DRILLING MUD

1. Mud system monitoring equipment, with derrick floor indicators and visual and audio alarms, shall be operating before drilling into the Wolfcamp formation, and shall be used until production casing is run and cemented.

D. WASTE MATERIAL AND FLUIDS

- 1. All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of drilling operations and completion operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area.
- 2. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.

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U.S. Department of the Interior BUREAU OF LAND MANAGEMENT

Well Name: BELL LAKE UNIT SOUTH

Application Data Report

APD ID: 10400040026 Submission Date: 03/25/2019

Operator Name: KAISER FRANCIS OIL COMPANY

Well Number: 433H

Zip: 74121

Well Type: OIL WELL Well Work Type: Drill

Highlighted data reflects the most recent changes

Show Final Text

Section 1 - General

BLM Office: CARLSBAD User: Danielle Parker Title: Regulatory Analyst

Federal/Indian APD: FED Is the first lease penetrated for production Federal or Indian? FED

Lease number: NMLC0061374A Lease Acres: 440

Surface access agreement in place? Allotted? Reservation:

Agreement in place? YES Federal or Indian agreement: FEDERAL

Agreement number: NMNM068292X

Agreement name:

Keep application confidential? YES

Permitting Agent? NO APD Operator: KAISER FRANCIS OIL COMPANY

Operator letter of designation:

Operator Info

Operator Organization Name: KAISER FRANCIS OIL COMPANY

Operator Address: 6733 S. Yale Ave.

Operator PO Box: PO Box 21468

Operator City: Tulsa State: OK

Operator Phone: (918)491-0000 Operator Internet Address:

Section 2 - Well Information

Well in Master Development Plan? NO Master Development Plan name:

Well in Master SUPO? NO Master SUPO name:

Well in Master Drilling Plan? NO Master Drilling Plan name:

Well Name: BELL LAKE UNIT SOUTH Well Number: 433H Well API Number:

Field/Pool or Exploratory? Field and Pool Field Name: BELL LAKE Pool Name: WOLFCAMP

Is the proposed well in an area containing other mineral resources? NATURAL GAS,OIL

Page 1 of 3

Well Name: BELL LAKE UNIT SOUTH Well Number: 433H

Is the proposed well in an area containing other mineral resources? NATURAL GAS,OIL

Is the proposed well in a Helium production area? N Use Existing Well Pad? NO New surface disturbance?

Type of Well Pad: MULTIPLE WELL Multiple Well Pad Name: Number: 13

Well Class: HORIZONTAL SOUTH BELL LAKE UNIT

iass: HORIZONTAL Number of Legs: 1

Well Work Type: Drill
Well Type: OIL WELL
Describe Well Type:

Well sub-Type: EXPLORATORY (WILDCAT)

Describe sub-type:

Distance to town: 19 Miles Distance to nearest well: 30 FT Distance to lease line: 695 FT

Reservoir well spacing assigned acres Measurement: 479.92 Acres

Well plat: BLUS 433H C102 20190325102721.pdf

BLUS_433H__Pymt_Rec_20191014155823.pdf

Well work start Date: 07/01/2019 Duration: 40 DAYS

Section 3 - Well Location Table

Survey Type: RECTANGULAR

Describe Survey Type:

Datum: NAD83 Vertical Datum: NAVD88

Survey number: 17110850 Reference Datum:

Wellbore	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	MD	TVD	Will this well produce from this lease?
SHL Leg	174 2	FSL	194 5	FW L	24S	34E	5	Aliquot NESW	32.24409 83	103.4942	LEA	MEXI		F	NMLC0 061374		0	0	
#1										492		CO	CO		A				
KOP	174	FSL	194	FW	24S	34E	5	Aliquot	32.24409	-	LEA	NEW	NEW	F	NMLC0	-	118	118	
Leg	2		5	L				NESW	83	103.4942			MEXI		061374	827	86	68	
#1										492		CO	СО		Α	2			

Well Name: BELL LAKE UNIT SOUTH Well Number: 433H

Wellbore	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	MD	TVD	Will this well produce from this lease?
PPP	0	FNL	211	FW	24S	34E	32	Aliquot	32.25379	-	LEA	NEW	NEW	S	STATE	-	156	125	
Leg			0	L				SESW	38	103.4902		MEXI	I		-//	890	50	01	
#1-1										059		СО	СО			5			
PPP	_	FNL		FW	24S	34E	5		32.25024	l	LEA	1	NEW	F	NMNM	-//	143	125	
Leg	0		0	L				NENW	28	103.4933		MEXI		N		890	30	01	
#1-2										545		CO	CO		5B	5			
PPP	260	FNL	225	FW	24S	34E	5	Aliquot	32.24645	-	LEA	NEW	NEW	F	NMLC0	-	130	125	
Leg	0		0	L				SENW	09	103.4932	- 9	MEXI	1		061374		50	01	
#1-3										702	1	CO	CO		Α	5			
EXIT	330	FNL	211	FW	23S	34E	32	Aliquot	32.26743	-	LEA	NEW	NEW	S	STATE	-	206	125	
Leg			0	L				NENW	88	103.4937	· '	MEXI		6		890	08	01	
#1									- 2	721		СО	СО			5			
BHL	330	FNL	211	FW	23S	34E	32	Aliquot	32.26743	-	LEA			S	STATE	-	206	125	
Leg			0	L				NENW	88	103.4937		MEXI	l			890	80	01	
#1										721		CO	СО			5			



Tracking Information

Pay.gov Tracking ID: 26GALQNJ

Agency Tracking ID: 75710041439

Form Name: Bureau of Land Management (BLM) Application for Permit to Drill (APD) Fee

Application Name: BLM Oil and Gas Online Payment

Payment Information

Payment Type: Debit or credit card

Payment Amount: \$10,050.00

Transaction Date: 03/25/2019 02:40:29 PM EDT

Payment Date: 03/25/2019

Company: Kaiser-Francis Oil Company

APD IDs: 10400040026

Lease Numbers: NMLC0061374A

Well Numbers: 433H

Note: You will need your Pay.gov Tracking ID to complete your APD transaction in AFMSS II. Please ensure you write this number down upon completion of payment.

Account Information

Cardholder Name: GEORGE B KAISER

Card Type: Visa

Card Number: *********0061



U.S. Department of the Interior BUREAU OF LAND MANAGEMENT

Drilling Plan Data Report

03/30/2020

APD ID: 10400040026

Well Type: OIL WELL

Submission Date: 03/25/2019

Highlighted data reflects the most recent changes

Operator Name: KAISER FRANCIS OIL COMPANY

Well Number: 433H

Show Final Text

Well Name: BELL LAKE UNIT SOUTH

Well Work Type: Drill

Section 1 - Geologic Formations

ormation			True Vertical	Measured			Producing
ID	Formation Name	Elevation	Depth	Depth	Lithologies	Mineral Resources	
418597		3596	0	0		NONE	N
418598	RUSTLER	2196	1400	1400		NONE	N
418599	SALADO	1796	1800	1800	1	NONE	N
418600	TOP SALT	1471	2125	2125	1	NONE	N
418601	BASE OF SALT	-1504	5100	5100		NONE	N
418602	LAMAR	-1679	5275	5275		NATURAL GAS, OIL	N
418603	BELL CANYON	-1754	5350	5350		NATURAL GAS, OIL	N
418604	CHERRY CANYON	-2629	6225	6225		NATURAL GAS, OIL	N
418605	BRUSHY CANYON	-4104	7700	7700		NATURAL GAS, OIL	N
418606	BONE SPRING	-5204	8800	8800		NATURAL GAS, OIL	N
418607	AVALON SAND	-5377	8973	8973		NATURAL GAS, OIL	N
418608	BONE SPRING 1ST	-6304	9900	9900		NATURAL GAS, OIL	N
418609	BONE SPRING 2ND	-6889	10485	10485		NATURAL GAS, OIL	N
418610	BONE SPRING LIME	-7364	10960	10960		NATURAL GAS, OIL	N
418611	BONE SPRING 3RD	-7674	11270	11270		NATURAL GAS, OIL	N
418612	WOLFCAMP	-8138	11735	11735		NATURAL GAS, OIL	Y

Section 2 - Blowout Prevention

Well Name: BELL LAKE UNIT SOUTH Well Number: 433H

Pressure Rating (PSI): 10M Rating Depth: 18000

Equipment: A 10M system will be installed according to Onshore Order #2 consisting of an Annular Preventer, BOP with two rams and a blind ram. BOP will be equipped with 2 side outlets (choke side shall be a minimum 3" line, and kill side will be a minimum 2" line). Kill line will be installed with (2) valves and a check valve (2" min) of proper pressure rating for the system. Remote kill line (2' min) will be installed and ran to the outer edge of the substructure and be unobstructed. A manual and hydraulic valve (3" min) will be installed on the choke line, 3 chokes will be used with one being remotely controlled. Fill up line will be installed above the uppermost preventer. Pressure gauge of proper pressure rating will be installed on choke manifold. Upper and lower kelly cocks will be utilized with handles readily available in plain sight. A float sub will be available at all times. All connections subject to well pressure will be flanged, welded, or clamped.

Requesting Variance? YES

Variance request: Flex Hose Variance

Testing Procedure: BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per Onshore Order 2 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all of the components installed will be functional and tested.

Choke Diagram Attachment:

BLUS 433H Choke Manifold 20200226110536.pdf

BOP Diagram Attachment:

BLUS_433H__BOP_20190315120940.pdf

Cactus_Flex_Hose_16C_Certification_20191018075823.pdf

Wellhead_Diagram_20191018084339.pdf

Section 3 - Casing

Casing ID	String Type	Hole Size	Csg Size	Condition	Standard	Tapered String	Top Set MD	Bottom Set MD	Top Set TVD	Bottom Set TVD	Top Set MSL	Bottom Set MSL	Calculated casing length MD	Grade	Weight	Joint Type	Collapse SF	Burst SF	Joint SF Type	Joint SF	Body SF Type	Body SF
1	SURFACE	14.7 5	10.75	NEW	API	N	0	1350	0	1350			1350	J-55	40.5	ST&C	2.5	5	DRY	7.7	DRY	11.5
2	INTERMED IATE	9.87 5	7.625	NEW	API	N	0	11376	0	11376			11376	HCP -110	29.7	LT&C	1.3	1.8	DRY	2.3	DRY	2.8
	PRODUCTI ON	6.75	5.5	NEW	API	N	0	20608	0	12501			20608	P- 110	-	OTHER - EAGLE SF	1.7	1.8	DRY	2.5	DRY	2.9

Casing Attachments

Well Name: BELL LAKE UNIT SOUTH Well Number: 433H

Casing Attachme	nts
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Casing ID: 1 String Type: SURFACE

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

BLUS_433H_Casing_Assumptions_20191018081838.pdf

Casing ID: 2 String Type: INTERMEDIATE

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

BLUS_433H_Casing_Assumptions_20191018081952.pdf

Casing ID: 3 String Type: PRODUCTION

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

BLUS_433H__Casing_Specs_20190318062300.pdf

 $BLUS_433H_Casing_Assumptions_20191018082104.pdf$

Section 4 - Cement

Well Name: BELL LAKE UNIT SOUTH Well Number: 433H

String Type	Lead/Tail	Stage Tool Depth	Тор МD	Bottom MD	Quantity(sx)	Yield	Density	Cu Ft	Excess%	Cement type	Additives
SURFACE	Lead		0	1350	590	1.34	14.8	506	50	Premium C	Accelerator

INTERMEDIATE	Lead	0	1137	1037	2.45	12	2031	25	Premium C	Extender
			6							
INTERMEDIATE	Tail	0	1137 6	391	1.34	14.8	418	25	Premium C	Accelerator
PRODUCTION	Lead	1100 0	2060 8	500	1.91	13.2	723	15	Premium C	Retarder

Section 5 - Circulating Medium

Mud System Type: Closed

Will an air or gas system be Used? NO

Description of the equipment for the circulating system in accordance with Onshore Order #2:

Diagram of the equipment for the circulating system in accordance with Onshore Order #2:

Describe what will be on location to control well or mitigate other conditions: Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times

Describe the mud monitoring system utilized: PVT/Pason/Visual Monitoring

Circulating Medium Table

Top Depth	Bottom Depth	Mud Type	Min Weight (lbs/gal)	Max Weight (lbs/gal)	Density (lbs/cu ft)	Gel Strength (lbs/100 sqft)	НА	Viscosity (CP)	Salinity (ppm)	Filtration (cc)	Additional Characteristics
1137 6	1250 1	OTHER : Oil Based Mud	10	12							
1350	1137 6	OTHER : Diesel- Brine Emulsion	8.7	9							
0	1350	OTHER : Fresh Water	8.4	9							

Well Name: BELL LAKE UNIT SOUTH Well Number: 433H

Section 6 - Test, Logging, Coring

List of production tests including testing procedures, equipment and safety measures:

Top of cement on production casing will be determined by calculation.

List of open and cased hole logs run in the well:

DS,GR,MUDLOG

Coring operation description for the well:

None planned

Section 7 - Pressure

Anticipated Bottom Hole Pressure: 7801 Anticipated Surface Pressure: 5050.78

Anticipated Bottom Hole Temperature(F): 199

Anticipated abnormal pressures, temperatures, or potential geologic hazards? NO

Describe:

Contingency Plans geoharzards description:

Contingency Plans geohazards attachment:

Hydrogen Sulfide drilling operations plan required? YES

Hydrogen sulfide drilling operations plan:

BLUS_433H__Contingency_Plan_Pad_13_20190318062654.pdf

Section 8 - Other Information

Proposed horizontal/directional/multi-lateral plan submission:

BLUS_433H__Directional_Plan_20190318062901.pdf
BLUS_433H__Directional_Plan_Diagram_20190318062900.pdf

Other proposed operations facets description:

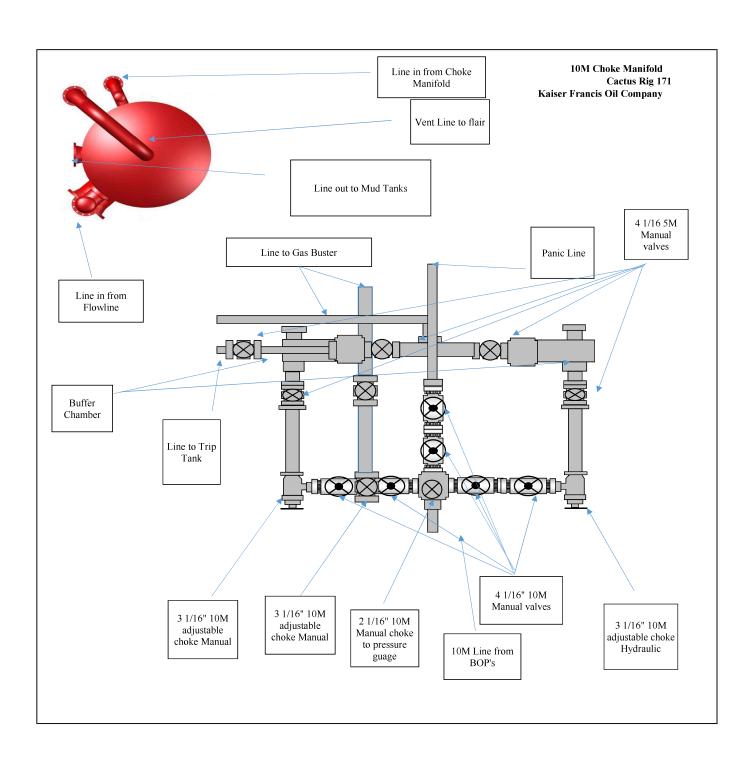
Gas Capture Plan attached

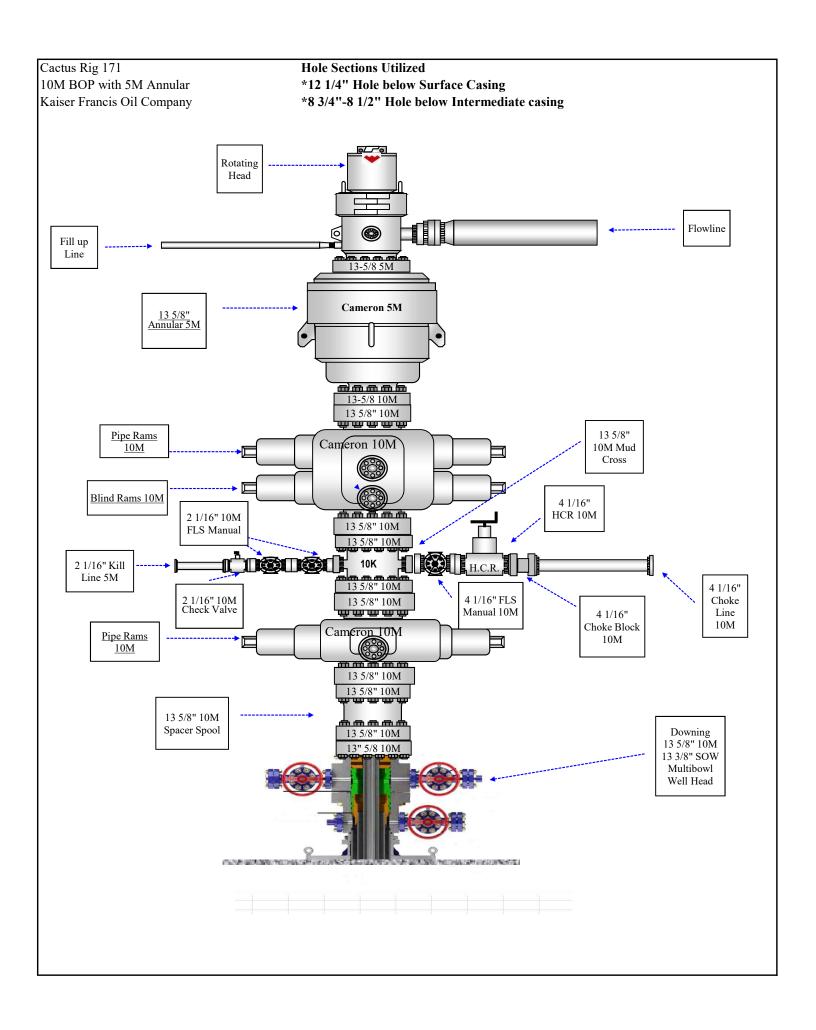
Other proposed operations facets attachment:

 $BLUS_433H__Gas_Capture_Plan_20190318105613.pdf$

Other Variance attachment:

Cactus_Flex_Hose_16C_Certification_20191018075912.pdf





Kaiser Francis

Bell Lake Unit South 433H

Plan: 190303 Bell Lake Unit South 433H

Morcor Standard Plan

03 March, 2019

COMPASS 5000.1 Build 56

Morcor Engineering Morcor Standard Plan

WELL @ 3617.8usft (Original Well Elev) WELL @ 3617.8usft (Original Well Elev) Well Bell Lake Unit South 433H EDM 5000.1 Single User Db Minimum Curvature Mean Sea Level Grid Local Co-ordinate Reference: Survey Calculation Method: North Reference: System Datum: TVD Reference: MD Reference: Database: Bell Lake Unit South 433H 190303 Bell Lake Unit South 433H US State Plane 1983 North American Datum 1983 New Mexico Eastern Zone Bell Lake Unit South 433H Kaiser Francis Map System: Geo Datum: Map Zone: Company: Wellbore: Design: Project: Project Well: Site:

32° 14' 38.754 N 103° 29' 39.297 W Grid Convergence: Longitude: Latitude: 453,549.93 usft 800,756.13 usft 17-1/2 " Slot Radius: Northing: Easting: Bell Lake Unit South 433H 1.0 usft Lat/Long Position Uncertainty: Site Position:

32° 14' 38.754 N 103° 29' 39.297 W 3,595.8 usft **Ground Level:** Longitude: Latitude: 453,549.93 usft 800,756.13 usft usft Wellhead Elevation: Northing: Easting: Bell Lake Unit South 433H 0.0 usft 0.0 usft 1.0 usft +E/-W S-/N+ Position Uncertainty Well Position Well

47,863 Field Strength 60.02 Dip Angle (°) 6.59 Declination ေ 3/3/2019 Sample Date Bell Lake Unit South 433H IGRF2010 Model Name Magnetics Wellbore

Direction 0.55 0.0 € Tie On Depth: +E/-W (usft) 0.0 +N/-S (nsft) 0.0 PLAN 190303 Bell Lake Unit South 433H Depth From (TVD) Phase: (nsft) 0.0 Vertical Section: Audit Notes: Version: Design

	Description	MWD - Standard
	Tool Name	MWD
Date 3/3/2019	Survey (Wellbore)	20,608.0 190303 Bell Lake Unit South 433H (Bell La
	To (usft)	20,6
Survey Tool Program	From (usft)	0.0

Purpose Purp	Company: Project: Site: Well: Wellsone: Design:	Kaiser Francis Bell Lake Unit South 433H Bell Lake Unit South 433H Bell Lake Unit South 433H Bell Lake Unit South 433H 190303 Bell Lake Unit South 433H	s t South 433+ i South 433+ i South 433+ i South 433+ ake Unit Sou	H H H uth 433H				Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method: Database:	ate Reference: :: :e: tion Method:	Well Bell Lake Unit South 433H WELL @ 3617.8usft (Original W WELL @ 3617.8usft (Original W Grid Minimum Curvature EDM 5000.1 Single User Db	Well Bell Lake Unit South 433H WELL @ 3617.8usft (Original Well Elev) WELL @ 3617.8usft (Original Well Elev) Grid Minimum Curvature EDM 5000.1 Single User Db	ङङ
10 Add columnity (147) (148)	Planned Surv	еу										
000 000 36178 00 80075613 45354935 000 000 36778 00 00 80075613 45354935 000 6150 100 -34778 00 00 80075613 45354935 000 6150 100 -34778 00 00 80075613 45354935 000 6150 1200 -34678 0 0 80075613 45354935 000 6150 250 -34778 0 0 80075613 45354935 000 6150 250 -34778 0 0 80076613 45354935 000 6150 300 -34778 0 0 80076613 45354935 000 6150 300 -34778 0 0 80076613 45354935 000 6150 450 -34778 0 0 80076613 45354935 000 6150 650 -34778 0 0 </th <th>MD (usft)</th> <th>Inc (°)</th> <th></th> <th>Azi (azimuth) (°)</th> <th>TVD (usft)</th> <th>TVDSS (usft)</th> <th>N/S (usft)</th> <th>E/W (usft)</th> <th>Easting (usft)</th> <th>Northing (usft)</th> <th>V. Sec (usft)</th> <th>DLeg (°/100usft)</th>	MD (usft)	Inc (°)		Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Easting (usft)	Northing (usft)	V. Sec (usft)	DLeg (°/100usft)
000 000 560 3,567,8 0.0 000,766,13 455,69,80 000 61,50 1000 -3,467,8 0.0 0.0 800,766,13 455,69,80 000 61,50 1200 -3,467,8 0.0 0.0 800,766,13 455,69,80 000 61,50 1200 -3,467,8 0.0 0.0 800,766,13 455,69,80 000 61,50 200 -3,477,8 0.0 0.0 800,766,13 455,69,80 000 61,50 300 -3,267,8 0.0 0.0 800,766,13 455,569,80 000 61,50 300 -3,267,8 0.0 0.0 800,766,13 455,569,80 000 61,50 400 -3,477,8 0.0 0.0 800,766,13 453,569,80 000 61,50 400 -3,477,8 0.0 0.0 800,766,13 453,569,80 000 61,50 600 -3,477,8 0.0 0.0 800,766,13 453,569,80		0.0	0.00	00:00	0.0	-3,617.8	0.0	0.0	800,756.13	453,549.93	00.00	0.00
0.00 61.50 100 -3517.8 0.0 600.766.13 453.549.80 0.00 61.50 120 -3.467.8 0.0 0.0 800.756.13 453.549.80 0.00 61.50 150 -3.467.8 0.0 0.0 800.756.13 453.549.80 0.00 61.50 2000 -3.477.8 0.0 0.0 800.756.13 453.549.80 0.00 61.50 2000 -3.377.8 0.0 0.0 800.756.13 453.549.80 0.00 61.50 300 -3.247.8 0.0 0.0 800.756.13 453.549.80 0.00 61.50 300 -3.247.8 0.0 0.0 800.756.13 453.549.80 0.00 61.50 400 -3.477.8 0.0 0.0 800.756.13 453.549.80 0.00 61.50 460 -3.477.8 0.0 0.0 800.756.13 453.549.80 0.00 61.50 460 -3.477.8 0.0 0.0 800.756.13		50.0	0.00	00:00	20.0	-3,567.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
0.00 61.50 150.0 3.467.8 0.0 0.0 800,756.13 453,549.83 0.00 61.50 200.0 -3.477.8 0.0 0.0 800,756.13 453,549.83 0.00 61.50 200.0 -3.477.8 0.0 0.0 800,756.13 453,549.83 0.00 61.50 300.0 -3.477.8 0.0 0.0 800,756.13 453,549.83 0.00 61.50 300.0 -3.477.8 0.0 0.0 800,756.13 453,549.83 0.00 61.50 400.0 -3.477.8 0.0 0.0 800,756.13 453,549.83 0.00 61.50 550.0 -3.477.8 0.0 0.0 800,756.13 453,549.83 0.00 61.50 60.0 0.0 800,756.13 453,549.83 0.00 61.50 700.0 2.947.8 0.0 0.0 800,756.13 453,549.83 0.00 61.50 700.0 2.847.8 0.0 0.0 800,756.13 453,549.83<		100.0	0.00	61.50	100.0	-3,517.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
0.00 61.50 150.0 3.467.8 0.0 0.0 800.756.13 453,549.93 0.00 61.50 200.0 3.417.8 0.0 0.0 800.756.13 453,549.93 0.00 61.50 250.0 3.347.8 0.0 0.0 800.756.13 453,549.93 0.00 61.50 300.0 3.347.8 0.0 0.0 800.756.13 453,549.93 0.00 61.50 300.0 3.347.8 0.0 0.0 800.756.13 453,549.93 0.00 61.50 400.0 0.0 0.0 800.756.13 453,549.93 0.00 61.50 400.0 0.0 0.0 800.756.13 453,549.93 0.00 61.50 500.0 -3.477.8 0.0 0.0 800.756.13 453,549.93 0.00 61.50 500.0 -3.477.8 0.0 0.0 800.756.13 453,549.93 0.00 61.50 650.0 -2.877.8 0.0 0.0 800.756.13 453,549.93	30	1										
000 61.50 290.0 -34.178 0.0 0.0 0.0 60.756.13 453.549.83 000 61.50 250.0 -3367.8 0.0 0.0 60.756.13 453.549.93 000 61.50 300.0 -3377.8 0.0 0.0 800.756.13 453.549.93 000 61.50 350.0 -3277.8 0.0 0.0 800.756.13 453.549.93 000 61.50 450.0 -317.8 0.0 0.0 800.756.13 453.549.93 000 61.50 550.0 -317.8 0.0 0.0 800.756.13 453.549.93 000 61.50 650.0 -317.8 0.0 0.0 800.756.13 453.549.93 000 61.50 650.0 -317.8 0.0 0.0 800.756.13 453.549.93 000 61.50 650.0 -267.8 0.0 0.0 800.756.13 453.549.93 000 61.50 61.50 61.50 62.67.8 0.0	20 C	onductor 150.0	00.00	61.50	150.0	-3,467.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
0.00 61.50 250.0 -3.367.8 0.0 0.0 60.056.13 453.549.93 0.00 61.50 300.0 -3.377.8 0.0 0.0 453.549.93 453.549.93 0.00 61.50 300.0 -3.267.8 0.0 0.0 800.766.13 453.549.93 0.00 61.50 400.0 -3.477.8 0.0 0.0 800.766.13 453.549.93 0.00 61.50 560.0 -3.417.8 0.0 0.0 800.766.13 453.549.93 0.00 61.50 60.0 -3.047.8 0.0 0.0 800.766.13 453.549.93 0.00 61.50 60.0 -3.047.8 0.0 0.0 800.766.13 453.549.93 0.00 61.50 750.0 -2.567.8 0.0 0.0 800.766.13 453.549.93 0.00 61.50 750.0 -2.567.8 0.0 0.0 800.766.13 453.549.93 0.00 61.50 750.0 -2.567.8 0.0 0.0		200.0	0.00	61.50	200.0	-3,417.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
0.00 61.50 300.0 -3.317.8 0.0 60.766.13 453.549.93 0.00 61.50 350.0 -3.277.8 0.0 0.0 800.756.13 453.549.93 0.00 61.50 460.0 -3.217.8 0.0 0.0 800.756.13 453.549.93 0.00 61.50 560.0 -3.17.8 0.0 0.0 800.756.13 453.549.93 0.00 61.50 560.0 -3.17.8 0.0 0.0 800.756.13 453.549.93 0.00 61.50 660.0 -3.47.8 0.0 0.0 800.756.13 453.549.93 0.00 61.50 60.0 -3.67.8 0.0 0.0 800.756.13 453.549.93 0.00 61.50 70.0 -2.847.8 0.0 0.0 800.756.13 453.549.93 0.00 61.50 800.0 -2.847.8 0.0 800.756.13 453.549.93 0.00 61.50 800.0 -2.677.8 0.0 800.756.13 453.549.93		250.0	0.00	61.50	250.0	-3,367.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
000 6150 380.0 3.267.8 0.0 0.0 600,766.13 455,549.83 000 6150 460.0 3.178 0.0 0.0 600,766.13 453,549.83 000 6150 450.0 3.178 0.0 0.0 600,766.13 453,549.83 000 6150 560.0 3.178 0.0 0.0 800,766.13 453,549.83 000 6150 660.0 3.0478 0.0 0.0 800,766.13 453,549.83 000 6150 660.0 2.3078 0.0 0.0 800,766.13 453,549.83 000 6150 750 2.3078 0.0 0.0 800,766.13 453,549.83 000 6150 750 2.3478 0.0 0.0 800,766.13 453,549.83 000 6150 850 2.3478 0.0 0.0 800,766.13 453,549.83 000 6150 850 2.2478 0.0 0.0 800,766.13 453,549.83		300.0	0.00	61.50	300.0	-3,317.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
0.00 61.50 400.0 3,17.8 0.0 0.0 60.756.13 453,549.93 0.00 61.50 450.0 3,167.8 0.0 0.0 60.756.13 453,549.93 0.00 61.50 500.0 3,147.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 650.0 3,047.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 660.0 2,047.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 660.0 2,947.8 0.0 0.0 800,756.13 453,649.93 0.00 61.50 750.0 2,247.8 0.0 0.0 800,756.13 453,649.93 0.00 61.50 860.0 2,247.8 0.0 0.0 800,756.13 453,649.93 0.00 61.50 860.0 2,247.8 0.0 0.0 800,756.13 453,649.93 0.00 61.50 860.0 2,647.8 0.0 0.0 8		350.0	0.00	61.50	350.0	-3,267.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
000 61.50 450.0 -3.167.8 0.0 0.0 800,756.13 453.549.93 000 61.50 500.0 -3.177.8 0.0 0.0 800,756.13 453.549.93 0.00 61.50 550.0 -3.047.8 0.0 0.0 800,756.13 453.549.93 0.00 61.50 660.0 -2.967.8 0.0 0.0 800,756.13 453.549.93 0.00 61.50 61.50 7.007.8 0.0 0.0 800,756.13 453.549.93 0.00 61.50 7.507.0 2.967.8 0.0 0.0 800,756.13 453.549.93 0.00 61.50 800.0 -2.867.8 0.0 0.0 807,766.13 453.549.93 0.00 61.50 800.0 -2.777.8 0.0 0.0 807,766.13 453.549.93 0.00 61.50 900.0 -2.777.8 0.0 807,766.13 453.549.93 0.00 61.50 1,100.0 -2.567.8 0.0 807,766.13 45		400.0	0.00	61.50	400.0	-3,217.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
0.00 61.50 59.01 -3,117.8 0.0 0.0 600,766.13 453,549.93 0.00 61.50 560.0 -3,047.8 0.0 0.0 800,766.13 453,549.93 0.00 61.50 660.0 -3,017.8 0.0 0.0 800,766.13 453,549.93 0.00 61.50 660.0 -2,967.8 0.0 0.0 800,766.13 453,549.93 0.00 61.50 750.0 -2,967.8 0.0 0.0 800,766.13 453,549.93 0.00 61.50 80.0 -2,877.8 0.0 0.0 800,766.13 453,549.93 0.00 61.50 80.0 -2,878 0.0 0.0 800,766.13 453,549.93 0.00 61.50 80.0 -2,878 0.0 0.0 800,766.13 453,549.93 0.00 61.50 90.0 -2,878 0.0 0.0 800,766.13 453,549.93 0.00 61.50 1,000.0 -2,678 0.0 800,766.13		450.0	0.00	61.50	450.0	-3,167.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
0.00 61.50 550.0 -3,067.8 0.0 00.756.13 453,549.83 0.00 61.50 600.0 -3,017.8 0.0 0.0 800,756.13 453,549.83 0.00 61.50 665.0 -2,967.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 750.0 -2,867.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 800.0 -2,878 0.0 0.0 800,756.13 453,549.93 0.00 61.50 800.0 -2,878 0.0 0.0 800,756.13 453,549.93 0.00 61.50 800.0 -2,778 0.0 0.0 800,756.13 453,549.93 0.00 61.50 900.0 -2,778 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,000.0 -2,678 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,100.0 -2,677 0.0 0.0 800,756.13		500.0	0.00	61.50	200.0	-3,117.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
0.00 61.50 60.00 -3,017.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 650.0 -2,967.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 700.0 -2,917.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 800.0 -2,917.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 800.0 -2,817.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 950.0 -2,717.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,000.0 -2,617.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,100.0 -2,517.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,100.0 -2,517.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,100.0 -2,467.8 0.0 0		550.0	0.00	61.50	220.0	-3,067.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
0.00 61.50 650.0 2.967.8 0.0 0.0 800,756.13 453,549.33 0.00 61.50 700.0 2.917.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 750.0 2.867.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 800.0 2.817.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 800.0 2.717.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 950.0 2.567.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,000.0 2.567.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,150.0 2.567.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,150.0 2.467.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,200.0 2.447.8 0.0 0.0		0.009	0.00	61.50	0.009	-3,017.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
0.00 61.50 700.0 -2,917.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 750.0 -2,867.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 800.0 -2,817.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 850.0 -2,777.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 950.0 -2,667.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,060.0 -2,667.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,160.0 -2,677.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,160.0 -2,467.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,200.0 -2,417.8 0.0 0.0 800,756.13 453,549.93		650.0	0.00	61.50	650.0	-2,967.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
0.00 61.50 750.0 -2.867.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 800.0 -2.817.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 860.0 -2.767.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 960.0 -2.717.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,000.0 -2.617.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,100.0 -2.567.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,150.0 -2.467.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,150.0 -2.467.8 0.0 0.0 800,756.13 453,549.93		700.0	0.00	61.50	700.0	-2,917.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
0.00 61.50 800.0 -2,817.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 850.0 -2,767.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 900.0 -2,717.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,000.0 -2,617.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,100.0 -2,567.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,100.0 -2,467.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,200.0 -2,467.8 0.0 0.0 800,756.13 453,549.93		750.0	0.00	61.50	750.0	-2,867.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
0.00 61.50 850.0 -2,767.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 900.0 -2,717.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 950.0 -2,617.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,050.0 -2,567.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,160.0 -2,467.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,150.0 -2,467.8 0.0 0.0 800,756.13 453,549.93		800.0	0.00	61.50	800.0	-2,817.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
0.00 61.50 900.0 -2,717.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 950.0 -2,667.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,000.0 -2,617.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,100.0 -2,567.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,160.0 -2,467.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,200.0 -2,417.8 0.0 0.0 800,756.13 453,549.93		850.0	0.00	61.50	850.0	-2,767.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
0.00 61.50 950.0 -2,667.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,000.0 -2,617.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,100.0 -2,517.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,150.0 -2,467.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,200.0 -2,417.8 0.0 0.0 800,756.13 453,549.93		0.006	0.00	61.50	0.006	-2,717.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
0.00 61.50 1,000.0 -2,617.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,050.0 -2,567.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,100.0 -2,467.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,200.0 -2,417.8 0.0 0.0 800,756.13 453,549.93		950.0	0.00	61.50	950.0	-2,667.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
0.00 61.50 1,050.0 -2,567.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,100.0 -2,517.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,150.0 -2,417.8 0.0 0.0 800,756.13 453,549.93	-	0.000	0.00	61.50	1,000.0	-2,617.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
0.00 61.50 1,100.0 -2,517.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,150.0 -2,467.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,200.0 -2,417.8 0.0 800,756.13 453,549.93	<u></u>	0.050	0.00	61.50	1,050.0	-2,567.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
0.00 61.50 1,150.0 -2,467.8 0.0 0.0 800,756.13 453,549.93 0.00 61.50 1,200.0 -2,417.8 0.0 0.0 800,756.13 453,549.93	<u></u>	100.0	0.00	61.50	1,100.0	-2,517.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
0.00 61.50 1,200.0 -2,417.8 0.0 0.0 800,756.13 453,549.93		150.0	0.00	61.50	1,150.0	-2,467.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
	<u> </u>	200.0	0.00	61.50	1,200.0	-2,417.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00

Planned Survey		Bell Lake Unit South 433H 190303 Bell Lake Unit South 433H				IVD Reference: MD Reference: North Reference: Survey Calculation Method: Database:	e: tion Method:	WELL @ 3617.8usft (Original Well Elev) Grid Minimum Curvature EDM 5000.1 Single User Db	@ 3617.8usft (Original Well Elev) um Curvature 5000.1 Single User Db	c
(nstt)	lnc	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usff)	Easting (usft)	Northing (usft)	V. Sec (usft)	DLeg ("/100usft)
1,250.0			1,250.0	-2,367.8	0.0	0.0	800,756.13	453,549.93	00:0	0.00
1,30	1,300.0 0.00	61.50	1,300.0	-2,317.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
1,350.0	0.00	61.50	1,350.0	-2,267.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
1,40	1,400.0 0.00	61.50	1,400.0	-2,217.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
1,422.0	22.0 0.00	61.50	1,422.0	-2,195.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
Rustler										
1,447.0	0.00	01.50	1,447.0	-2,170.8	0.0	0.0	800,756.13	453,549.93	00:00	00.0
13 3/8" 5	ace Casing									
1,450.0	0.00	01.50	1,450.0	-2,167.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
1,500.0	0.00	01.50	1,500.0	-2,117.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
1,550.0	0.00	01.50	1,550.0	-2,067.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
1,600.0	0.00	61.50	1,600.0	-2,017.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
1,650.0	0.00	61.50	1,650.0	-1,967.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
1,700.0	0.00	61.50	1,700.0	-1,917.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
1,750.0	0.00	01.50	1,750.0	-1,867.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
1,800.0	0.00	01.50	1,800.0	-1,817.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
1,847.0	0.00	61.50	1,847.0	-1,770.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
Salado										
1,8€			1,850.0	-1,767.8	0.0	0.0	800,756.13	453,549.93	0.00	00.0
1,900.0			1,900.0	-1,717.8	0.0	0.0	800,756.13	453,549.93	00:00	0.00
1,950.0	0.00	04.50	1,950.0	-1,667.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
2,000.0	0.00	01.50	2,000.0	-1,617.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
2,022.0	22.0 0.00	61.50	2,022.0	-1,595.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
Top of Salt										
2,050.0	0.00	04.50	2,050.0	-1,567.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
2,100.0	0.00	01.50	2,100.0	-1,517.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
2,150.0	0.00	01.50	2,150.0	-1,467.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
2,200.0	0.00	04.50	2,200.0	-1,417.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00

Planned Survey		Bell Lake Unit South 433H 190303 Bell Lake Unit South 433H				North Reference: Survey Calculation Method: Database:	e: tion Method:	Grid Minimum Curvature EDM 5000.1 Single User Db	um Curvature	
MD (#3:1)	linc	Azi (azimuth)	TVD (#941)	TVDSS	N/S	E/W	Easting	Northing (ueft)	V. Sec	DLeg
2,250.0		61.50	2,250.0	-1,367.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
2,300.0	0.00	61.50	2,300.0	-1,317.8	0.0	0.0	800,756.13	453,549.93	0.00	00.0
2,350.0	0.00	61.50	2,350.0	-1,267.8	0.0	0.0	800,756.13	453,549.93	00:00	00.0
2,400.0	0.00	61.50	2,400.0	-1,217.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
2,450.0	0.00	61.50	2,450.0	-1,167.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
2,500.0	0.00	61.50	2,500.0	-1,117.8	0.0	0.0	800,756.13	453,549.93	0.00	00.0
2,550.0	0.00	61.50	2,550.0	-1,067.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
2,600.0	0.00	61.50	2,600.0	-1,017.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
2,650.0	0.00	61.50	2,650.0	8-296-	0.0	0.0	800,756.13	453,549.93	00.00	0.00
2,700.0	0.00	61.50	2,700.0	-917.8	0.0	0.0	800,756.13	453,549.93	00.00	0.00
2,750.0	0.00	61.50	2,750.0	-867.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
2,800.0	0.00	61.50	2,800.0	-817.8	0.0	0.0	800,756.13	453,549.93	00.00	0.00
2,850.0	0.00	61.50	2,850.0	-767.8	0.0	0.0	800,756.13	453,549.93	00.00	0.00
2,900.0	0.00	61.50	2,900.0	-717.8	0.0	0.0	800,756.13	453,549.93	00.00	0.00
2,950.0	0.00	61.50	2,950.0	-667.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
3,000.0	0.00	61.50	3,000.0	-617.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
3,050.0	0.00	61.50	3,050.0	-567.8	0.0	0.0	800,756.13	453,549.93	00.00	0.00
3,100.0	0.00	61.50	3,100.0	-517.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
3,150.0	0.00	61.50	3,150.0	-467.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
3,200.0	0.00	61.50	3,200.0	417.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
3,250.0	0.00	61.50	3,250.0	-367.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
3,300.0	0.00	61.50	3,300.0	-317.8	0.0	0.0	800,756.13	453,549.93	00.00	0.00
3,350.0	0.00	61.50	3,350.0	-267.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
3,400.0	0.00	61.50	3,400.0	-217.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
3,450.0	00.0 0.00	61.50	3,450.0	-167.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
3,500.0	0.00	61.50	3,500.0	-117.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00
3,550.0	0.00	61.50	3,550.0	-67.8	0.0	0.0	800,756.13	453,549.93	0.00	0.00

Company: Project: Site: Well: Wellibore: Design:	Kaiser Francis Bell Lake Unit South 433H Bell Lake Unit South 433H Bell Lake Unit South 433H Bell Lake Unit South 433H 190303 Bell Lake Unit South 433H	outh 433H outh 433H outh 433H outh 433H e Unit South	433H				Local Co-ordinata TVD Reference: MD Reference: North Reference: Survey Calculatic	Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method: Database:	Well Bell Lake Unit South 433H WELL @ 3617.8usft (Original M WELL @ 3617.8usft (Original M Grid Minimum Curvature EDM 5000.1 Single User Db	Well Bell Lake Unit South 433H WELL @ 3617.8usft (Original Well Elev) WELL @ 3617.8usft (Original Well Elev) Grid Minimum Curvature EDM 5000.1 Single User Db	
Planned Survey											
MD (usft)	Inc (°)	Azi	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Easting (usft)	Northing (usft)	V. Sec (usft)	DLeg (°/100usft)
3,600.0	0.	0.00	61.50	3,600.0	-17.8	0.0	0.0	0 800,756.13	453,549.93	0.00	0.00
3,650.0	0.	0.00	61.50	3,650.0	32.2	0.0	Ö	0.0 800,756.13	453,549.93	0.00	0.00
3,700.0	0.	0.00	61.50	3,700.0	82.2	0.0	0	0.0 800,756.13	453,549.93	00.00	0.00
3,750.0	0.	0.00	61.50	3,750.0	132.2	0.0	0.0	0 800,756.13	453,549.93	0.00	00.0
3,800.0	0.	0.00	61.50	3,800.0	182.2	0.0	0.0	0 800,756.13	453,549.93	0.00	0.00
3,850.0	0.	0.00	61.50	3,850.0	232.2	0.0	O	0.0 800,756.13	453,549.93	0.00	0.00
3,900.0	0:	0.00	61.50	3,900.0	282.2	0.0	0	0.0 800,756.13	453,549.93	0.00	0.00
3,950.0	0:	0.00	61.50	3,950.0	332.2	0.0	Ö	0.0 800,756.13	453,549.93	0.00	0.00
4,000.0	0:	0.00	61.50	4,000.0	382.2	0.0	0	0.0 800,756.13	453,549.93	0.00	00.0
4,050.0	0.	0.00	61.50	4,050.0	432.2	0.0	Ö	0.0 800,756.13	453,549.93	0.00	0.00
4,100.0	0.	0.00	61.50	4,100.0	482.2	0.0	Ö	0.0 800,756.13	453,549.93	0.00	0.00
4,150.0	0.	0.00	61.50	4,150.0	532.2	0.0	O	0.0 800,756.13	453,549.93	0.00	0.00
4,200.0	0:	0.00	61.50	4,200.0	582.2	0.0	0	0.0 800,756.13	453,549.93	0.00	0.00
4,250.0	0.	0.00	61.50	4,250.0	632.2	0.0	0	0.0 800,756.13	453,549.93	0.00	00.0
4,300.0	0.	0.00	61.50	4,300.0	682.2	0.0	Ö	0.0 800,756.13	453,549.93	0.00	0.00
4,350.0	0.	0.00	61.50	4,350.0	732.2	0.0	Ö	0.0 800,756.13	453,549.93	0.00	0.00
4,400.0	0.	0.00	61.50	4,400.0	782.2	0.0	Ö	0.0 800,756.13	453,549.93	0.00	0.00
4,450.0	0.	0.00	61.50	4,450.0	832.2	0.0	0	0.0 800,756.13	453,549.93	0.00	0.00
4,500.0	0.	0.00	61.50	4,500.0	882.2	0.0	Ö	0.0 800,756.13	453,549.93	0.00	00.0
4,550.0	0.	0.00	61.50	4,550.0	932.2	0.0	0.0	0 800,756.13	453,549.93	0.00	0.00
4,600.0	0.	0.00	61.50	4,600.0	982.2	0.0	Ö	0.0 800,756.13	453,549.93	0.00	0.00
4,650.0	0.	0.00	61.50	4,650.0	1,032.2	0.0	0.0	0 800,756.13	453,549.93	0.00	0.00
4,700.0	0.	0.00	61.50	4,700.0	1,082.2	0.0	0.0	0 800,756.13	453,549.93	0.00	0.00

0.00 0.00 0.00 0.00

800,756.13 800,756.13 800,756.13 800,756.13 800,756.13

1,082.2 1,132.2 1,182.2

4,700.0 4,750.0 4,800.0 4,850.0 4,900.0

4,700.0 4,750.0 4,800.0 4,850.0 4,900.0

61.50 61.50 61.50

0.00

453,549.93 453,549.93 453,549.93 453,549.93

00.0

0.0

0.0

1,282.2 1,232.2

Company: K	Kaiser Francis					Local Co-ordinate Reference:	te Reference:	Well Bell Lake Unit South 433H	South 433H	
	Bell Lake Unit South 433H Bell Lake Unit South 433H Bell Lake Unit South 433H Bell Lake Unit South 433H 190303 Bell Lake Unit South 433H	33H 33H 33H 33H South 433H				TVD Reference: MD Reference: North Reference: Survey Calculation Method: Database:	s: ion Method:	WELL @ 3617.8usft (Origina WELL @ 3617.8usft (Origina Grid Minimum Curvature EDM 5000.1 Single User Db	WELL @ 3617.8usft (Original Well Elev) WELL @ 3617.8usft (Original Well Elev) Grid Minimum Curvature EDM 5000.1 Single User Db	SS
Planned Survey										
MD (usft)	Inc (3)	Azi (azimuth)	TVD (nsft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Easting (usft)	Northing (usft)	V. Sec (usft)	DLeg (°/100usft)
4,950.0		61.50	4,950.0	1,332.2	0.0	0.0	800,756.13	453,549.93	0.00	0.00
5,000.0	0.00	61.50	5,000.0	1,382.2	0.0	0.0	800,756.13	453,549.93	0.00	0.00
5,022.0	0.00	61.50	5,022.0	1,404.2	0.0	0.0	800,756.13	453,549.93	0.00	0.00
Base of Salt										
5,050.0		61.50	5,050.0	1,432.2	0.0	0.0	800,756.13	453,549.93	00:00	0.00
5,100.0		61.50	5,100.0	1,482.2	0.0	0.0	800,756.13	453,549.93	0.00	0.00
5,150.0	0.00	61.50	5,150.0	1,532.2	0.0	0.0	800,756.13	453,549.93	0.00	0.00
5,200.0	0.00	61.50	5,200.0	1,582.2	0.0	0.0	800,756.13	453,549.93	0.00	00.00
5,222.0	0.00	61.50	5,222.0	1,604.2	0.0	0.0	800,756.13	453,549.93	0.00	0.00
Lamar Lime										
5,247.0	0.00	61.50	5,247.0	1,629.2	0.0	0.0	800,756.13	453,549.93	0.00	0.00
9 5/8" Intern	9 5/8" Intermediate Casing									
5,250.0	0.00	61.50	5,250.0	1,632.2	0.0	0.0	800,756.13	453,549.93	0.00	0.00
5,300.0	0.00	61.50	5,300.0	1,682.2	0.0	0.0	800,756.13	453,549.93	0.00	0.00
5,350.0	0.00	61.50	5,350.0	1,732.2	0.0	0.0	800,756.13	453,549.93	0.00	00.00
5,400.0	0.00	61.50	5,400.0	1,782.2	0.0	0.0	800,756.13	453,549.93	00.00	0.00
5,422.0	0.00	61.50	5,422.0	1,804.2	0.0	0.0	800,756.13	453,549.93	0.00	0.00
Bell Canyon										
5,450.0	0.00	61.50	5,450.0	1,832.2	0.0	0.0	800,756.13	453,549.93	0.00	0.00
5,500.0	0.00	61.50	5,500.0	1,882.2	0.0	0.0	800,756.13	453,549.93	0.00	0.00
5,550.0	0.00	61.50	5,550.0	1,932.2	0.0	0.0	800,756.13	453,549.93	0.00	00.00
5,600.0	0.00	61.50	5,600.0	1,982.2	0.0	0.0	800,756.13	453,549.93	00.00	0.00
5,650.0	0.00	61.50	5,650.0	2,032.2	0.0	0.0	800,756.13	453,549.93	0.00	0.00
5,700.0	0.00	61.50	5,700.0	2,082.2	0.0	0.0	800,756.13	453,549.93	00.00	0.00
5,750.0	0.00	61.50	5,750.0	2,132.2	0.0	0.0	800,756.13	453,549.93	0.00	0.00
5,800.0	0.00	61.50	5,800.0	2,182.2	0.0	0.0	800,756.13	453,549.93	00:00	00:00
5,850.0	0.00	61.50	5,850.0	2,232.2	0.0	0.0	800,756.13	453,549.93	0.00	00.00

-ocal Co-ordinate Reference: Well Bell Lake Unit South 433H	ence: WELL @ 3617.8usft (Original Well Elev)	well @ 3617.8usft (Original Well Elev)	erence: Grid	survey Calculation Method: Minimum Curvature	EDM 5000.1 Single User Db
Local Co-	TVD Reference:	MD Reference:	North Reference:	Survey Ca	Database:
Kaiser Francis	Bell Lake Unit South 433H	Bell Lake Unit South 433H	Bell Lake Unit South 433H	Bell Lake Unit South 433H	190303 Bell Lake Unit South 433H
Company:	Project:	Site:	Well:	Wellbore:	Design:

Company: Project: Site: Well: Wellbore: Design:	Kaiser Francis Bell Lake Unit South 433H Bell Lake Unit South 433H Bell Lake Unit South 433H Bell Lake Unit South 433H 190303 Bell Lake Unit South 433H	1433H 1433H 1433H 1433H 11 South 433H				Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method: Database:	ste Reference: e: tion Method:	Well Bell Lake Unit South 433H WELL @ 3617.8usft (Original W WELL @ 3617.8usft (Original W Grid Minimum Curvature EDM 5000.1 Single User Db	Well Bell Lake Unit South 433H WELL @ 3617.8usft (Original Well Elev) WELL @ 3617.8usft (Original Well Elev) Grid Minimum Curvature EDM 5000.1 Single User Db	
Planned Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Easting (usft)	Northing (usft)	V. Sec (usft)	DLeg (°/100usft)
5,900.0	0.00	00 61.50	5,900.0	2,282.2	0.0	0.0	800,756.13	453,549.93	0.00	00:00
5,950.0	0.00	00 61.50	5,950.0	2,332.2	0.0	0.0	800,756.13	453,549.93	0.00	00:00
0.000.0	0.00	00 61.50	0.000.0	2,382.2	0.0	0.0	800,756.13	453,549.93	0.00	00:00
6,050.0	0.00	00 61.50	6,050.0	2,432.2	0.0	0.0	800,756.13	453,549.93	0.00	00:00
6,100.0	0.00	00 61.50	6,100.0	2,482.2	0.0	0.0	800,756.13	453,549.93	0.00	00:00
6,150.0	0.00	00 61.50	6,150.0	2,532.2	0.0	0.0	800,756.13	453,549.93	0.00	00:00
6,200.0	0.00	00 61.50	6,200.0	2,582.2	0.0	0.0	800,756.13	453,549.93	0.00	00:00
6,250.0	0.00	00 61.50	6,250.0	2,632.2	0.0	0.0	800,756.13	453,549.93	0.00	00:00
6,272.0	0.00	00 61.50	6,272.0	2,654.2	0.0	0.0	800,756.13	453,549.93	00:00	0.00
Cherry Canyon										
6,300.0	0.00	00 61.50	6,300.0	2,682.2	0.0	0.0	800,756.13	453,549.93	0.00	00.00
6,350.0	0.00	00 61.50	6,350.0	2,732.2	0.0	0.0	800,756.13	453,549.93	0.00	00:00
6,400.0	0.00	00 61.50	6,400.0	2,782.2	0.0	0.0	800,756.13	453,549.93	0.00	00:00
6,450.0	0.00	00 61.50	6,450.0	2,832.2	0.0	0.0	800,756.13	453,549.93	0.00	00.00
6,500.0	0.00	00 61.50	6,500.0	2,882.2	0.0	0.0	800,756.13	453,549.93	0.00	00:00
6,550.0	0.00	00 61.50	6,550.0	2,932.2	0.0	0.0	800,756.13	453,549.93	0.00	00:00
0.009,9	0.00	00 61.50	0.009,9	2,982.2	0.0	0.0	800,756.13	453,549.93	0.00	00:00
6,650.0	0.00	00 61.50	6,650.0	3,032.2	0.0	0.0	800,756.13	453,549.93	0.00	00.00
6,700.0	0.00	00 61.50	6,700.0	3,082.2	0.0	0.0	800,756.13	453,549.93	0.00	00.00
6,750.0	0.00	00 61.50	6,750.0	3,132.2	0.0	0.0	800,756.13	453,549.93	0.00	00:00
6,800.0	0.00	00 61.50	0.800.0	3,182.2	0.0	0.0	800,756.13	453,549.93	0.00	00.00
6,850.0	0.00	00 61.50	6,850.0	3,232.2	0.0	0.0	800,756.13	453,549.93	0.00	00.00
0.000;9	0.00	00 61.50	0.006,9	3,282.2	0.0	0.0	800,756.13	453,549.93	0.00	00:00
6,950.0	0.00	00 61.50	6,950.0	3,332.2	0.0	0.0	800,756.13	453,549.93	0.00	00:00
7,000.0	0.00	00 61.50	7,000.0	3,382.2	0.0	0.0	800,756.13	453,549.93	0.00	00:00
7,050.0	0.00	00 61.50	7,050.0	3,432.2	0.0	0.0	800,756.13	453,549.93	0.00	00:00
7,100.0	0.00	00 61.50	7,100.0	3,482.2	0.0	0.0	800,756.13	453,549.93	0.00	0.00

Azi (astriuth) TVDBS N/S E/W Essling Nor (1) (ustr)	Company: Project: Site: Well: Wellbore: Design:	Kaiser Francis Bell Lake Unit South 433H	33H 33H 33H 33H South 433H				Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method: Database:	ate Reference: : e: tion Method:	Well Bell Lake Unit South 433H WELL @ 3617.8usft (Original W WELL @ 3617.8usft (Original W Grid Minimum Curvature EDM 5000.1 Single User Db	ell Lake Unit South 433H @ 3617.8usft (Original Well Elev) @ 3617.8usft (Original Well Elev) um Curvature 5000.1 Single User Db	इङ
17.5000 LOSS NAS FWA CURST)	Planned Survey										
0,00 61,50 7,150.0 3,532.2 0.0 0.0 800,756.13 0,00 61,50 7,200.0 3,582.2 0.0 0.0 800,756.13 0,00 61,50 7,200.0 3,682.2 0.0 0.0 800,756.13 0,00 61,50 7,300.0 3,682.2 0.0 0.0 800,756.13 0,00 61,50 7,400.0 3,782.2 0.0 0.0 800,756.13 0,00 61,50 7,400.0 3,782.2 0.0 0.0 800,756.13 0,00 61,50 7,500.0 3,882.2 0.0 0.0 800,756.13 0,00 61,50 7,500.0 3,982.2 0.0 0.0 800,756.13 0,00 61,50 7,600.0 4,082.2 0.0 0.0 800,756.13 0,00 61,50 7,770.0 4,182.2 0.0 0.0 800,756.13 0,00 61,50 7,747.0 4,182.2 0.0 0.0 800,756.13 <td< th=""><th>MD (nsft)</th><th>Inc (°)</th><th>Azi (azimuth) (°)</th><th>TVD (usft)</th><th>TVDSS (usft)</th><th>N/S (usft)</th><th>E/W (usft)</th><th>Easting (usft)</th><th>Northing (usft)</th><th>V. Sec (usft)</th><th>DLeg (°/100usft)</th></td<>	MD (nsft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Easting (usft)	Northing (usft)	V. Sec (usft)	DLeg (°/100usft)
0.00 61.50 7,200.0 3,582.2 0.0 0.0 800,786.13 0.00 61.50 7,200.0 3,632.2 0.0 0.0 800,766.13 0.00 61.50 7,300.0 3,682.2 0.0 0.0 800,766.13 0.00 61.50 7,360.0 3,782.2 0.0 0.0 800,766.13 0.00 61.50 7,460.0 3,782.2 0.0 0.0 800,766.13 0.00 61.50 7,560.0 3,882.2 0.0 0.0 800,766.13 0.00 61.50 7,600.0 3,882.2 0.0 0.0 800,766.13 0.00 61.50 7,600.0 4,032.2 0.0 0.0 800,766.13 0.00 61.50 7,700.0 4,032.2 0.0 0.0 800,766.13 0.00 61.50 7,700.0 4,182.2 0.0 0.0 800,766.13 0.00 61.50 7,700.0 4,182.2 0.0 0.0 800,766.13 <td< td=""><td>7,15</td><td></td><td>61.50</td><td>7,150.0</td><td>3,532.2</td><td>0.0</td><td>0.0</td><td>800,756.13</td><td>453,549.93</td><td>00:00</td><td>0.00</td></td<>	7,15		61.50	7,150.0	3,532.2	0.0	0.0	800,756.13	453,549.93	00:00	0.00
0.00 61.50 7.250.0 3.632.2 0.0 0.0 800,756.13 0.00 61.50 7,300.0 3.882.2 0.0 0.0 800,756.13 0.00 61.50 7,360.0 3,782.2 0.0 0.0 800,756.13 0.00 61.50 7,460.0 3,782.2 0.0 0.0 800,756.13 0.00 61.50 7,560.0 3,882.2 0.0 0.0 800,756.13 0.00 61.50 7,560.0 3,882.2 0.0 0.0 800,756.13 0.00 61.50 7,600.0 3,882.2 0.0 0.0 800,756.13 0.00 61.50 7,600.0 4,032.2 0.0 0.0 800,756.13 0.00 61.50 7,700.0 4,182.2 0.0 0.0 800,756.13 0.00 61.50 7,700.0 4,182.2 0.0 0.0 800,756.13 0.00 61.50 7,700.0 4,182.2 0.0 0.0 800,756.13 <td< td=""><td>7,20</td><td></td><td>61.50</td><td>7,200.0</td><td>3,582.2</td><td>0.0</td><td>0.0</td><td>800,756.13</td><td>453,549.93</td><td>0.00</td><td>00.00</td></td<>	7,20		61.50	7,200.0	3,582.2	0.0	0.0	800,756.13	453,549.93	0.00	00.00
0.00 61.50 7,300.0 3,682.2 0.0 0.0 800,756.13 0.00 61.50 7,320.0 3,782.2 0.0 0.0 800,756.13 0.00 61.50 7,400.0 3,782.2 0.0 0.0 800,756.13 0.00 61.50 7,400.0 3,832.2 0.0 0.0 800,756.13 0.00 61.50 7,500.0 3,882.2 0.0 0.0 800,756.13 0.00 61.50 7,500.0 3,882.2 0.0 0.0 800,756.13 0.00 61.50 7,600.0 4,032.2 0.0 0.0 800,756.13 0.00 61.50 7,700.0 4,082.2 0.0 0.0 800,756.13 0.00 61.50 7,747.0 4,129.2 0.0 0.0 800,756.13 0.00 61.50 7,780.0 4,132.2 0.0 0.0 800,756.13 0.00 61.50 7,780.0 4,132.2 0.0 0.0 800,756.13 <td< td=""><td>7,25</td><td></td><td>61.50</td><td>7,250.0</td><td>3,632.2</td><td>0.0</td><td>0.0</td><td>800,756.13</td><td>453,549.93</td><td>00:00</td><td>00.0</td></td<>	7,25		61.50	7,250.0	3,632.2	0.0	0.0	800,756.13	453,549.93	00:00	00.0
0.00 61.50 7,350.0 3,732.2 0.0 0.0 800,756.13 0.00 61.50 7,400.0 3,782.2 0.0 0.0 800,756.13 0.00 61.50 7,400.0 3,832.2 0.0 0.0 800,756.13 0.00 61.50 7,500.0 3,832.2 0.0 0.0 800,756.13 0.00 61.50 7,500.0 3,932.2 0.0 0.0 800,756.13 0.00 61.50 7,600.0 4,382.2 0.0 0.0 800,756.13 0.00 61.50 7,700.0 4,132.2 0.0 0.0 800,756.13 0.00 61.50 7,747.0 4,132.2 0.0 0.0 800,756.13 0.00 61.50 7,747.0 4,132.2 0.0 0.0 800,756.13 0.00 61.50 7,800.0 4,232.2 0.0 0.0 800,756.13 0.00 61.50 7,900.0 4,332.2 0.0 0.0 800,756.13 <td< td=""><td>7,30</td><td></td><td>61.50</td><td>7,300.0</td><td>3,682.2</td><td>0.0</td><td>0.0</td><td>800,756.13</td><td>453,549.93</td><td>00.00</td><td>0.00</td></td<>	7,30		61.50	7,300.0	3,682.2	0.0	0.0	800,756.13	453,549.93	00.00	0.00
0.00 61.50 7,400.0 3,782.2 0.0 0.0 800,756.13 0.00 61.50 7,450.0 3,832.2 0.0 0.0 800,756.13 0.00 61.50 7,500.0 3,832.2 0.0 0.0 800,756.13 0.00 61.50 7,500.0 3,932.2 0.0 0.0 800,756.13 0.00 61.50 7,600.0 4,032.2 0.0 0.0 800,756.13 0.00 61.50 7,700.0 4,032.2 0.0 0.0 800,756.13 0.00 61.50 7,747.0 4,122.2 0.0 0.0 800,756.13 0.00 61.50 7,747.0 4,132.2 0.0 0.0 800,756.13 0.00 61.50 7,800.0 4,132.2 0.0 0.0 800,756.13 0.00 61.50 7,800.0 4,232.2 0.0 0.0 800,756.13 0.00 61.50 7,800.0 4,232.2 0.0 0.0 800,756.13 <td< td=""><td>7,35</td><td></td><td>61.50</td><td>7,350.0</td><td>3,732.2</td><td>0.0</td><td>0.0</td><td>800,756.13</td><td>453,549.93</td><td>00:00</td><td>0.00</td></td<>	7,35		61.50	7,350.0	3,732.2	0.0	0.0	800,756.13	453,549.93	00:00	0.00
0.00 61.50 7,450.0 3,832.2 0.0 0.0 800,756.13 0.00 61.50 7,500.0 3,882.2 0.0 0.0 800,756.13 0.00 61.50 7,500.0 3,982.2 0.0 0.0 800,756.13 0.00 61.50 7,600.0 4,032.2 0.0 0.0 800,756.13 0.00 61.50 7,700.0 4,032.2 0.0 0.0 800,756.13 0.00 61.50 7,700.0 4,132.2 0.0 0.0 800,756.13 0.00 61.50 7,740.0 4,132.2 0.0 0.0 800,756.13 0.00 61.50 7,740.0 4,132.2 0.0 0.0 800,756.13 0.00 61.50 7,900.0 4,132.2 0.0 0.0 800,756.13 0.00 61.50 7,900.0 4,232.2 0.0 0.0 800,756.13 0.00 61.50 7,900.0 4,322.2 0.0 0.0 800,756.13 <td< td=""><td>7,40</td><td></td><td>61.50</td><td>7,400.0</td><td>3,782.2</td><td>0.0</td><td>0.0</td><td>800,756.13</td><td>453,549.93</td><td>00:00</td><td>0.00</td></td<>	7,40		61.50	7,400.0	3,782.2	0.0	0.0	800,756.13	453,549.93	00:00	0.00
0.00 61.50 7,500.0 3,882.2 0.0 0.0 800,756.13 0.00 61.50 7,560.0 3,932.2 0.0 0.0 800,756.13 0.00 61.50 7,600.0 3,982.2 0.0 0.0 800,756.13 0.00 61.50 7,700.0 4,032.2 0.0 0.0 800,756.13 0.00 61.50 7,747.0 4,132.2 0.0 0.0 800,756.13 0.00 61.50 7,747.0 4,132.2 0.0 0.0 800,756.13 0.00 61.50 7,780.0 4,132.2 0.0 0.0 800,756.13 0.00 61.50 7,980.0 4,232.2 0.0 0.0 800,756.13 0.00 61.50 7,980.0 4,282.2 0.0 0.0 800,756.13 0.00 61.50 8,000.0 4,482.2 0.0 0.0 800,756.13 0.00 61.50 8,190.0 4,482.2 0.0 0.0 800,756.13 <td< td=""><td>7,45</td><td></td><td>61.50</td><td>7,450.0</td><td>3,832.2</td><td>0.0</td><td>0.0</td><td>800,756.13</td><td>453,549.93</td><td>0.00</td><td>00.00</td></td<>	7,45		61.50	7,450.0	3,832.2	0.0	0.0	800,756.13	453,549.93	0.00	00.00
0.00 61.50 7,560.0 3,932.2 0.0 0.0 800,756.13 0.00 61.50 7,600.0 3,982.2 0.0 0.0 800,756.13 0.00 61.50 7,600.0 4,032.2 0.0 0.0 800,756.13 0.00 61.50 7,700.0 4,032.2 0.0 0.0 800,756.13 0.00 61.50 7,700.0 4,129.2 0.0 0.0 800,756.13 0.00 61.50 7,760.0 4,132.2 0.0 0.0 800,756.13 0.00 61.50 7,800.0 4,232.2 0.0 0.0 800,756.13 0.00 61.50 7,900.0 4,232.2 0.0 0.0 800,756.13 0.00 61.50 8,000.0 4,382.2 0.0 0.0 800,756.13 0.00 61.50 8,100.0 4,432.2 0.0 0.0 800,756.13 0.00 61.50 8,100.0 4,432.2 0.0 0.0 800,756.13 <td< td=""><td>7,50</td><td></td><td>61.50</td><td>7,500.0</td><td>3,882.2</td><td>0.0</td><td>0.0</td><td>800,756.13</td><td>453,549.93</td><td>0.00</td><td>00.0</td></td<>	7,50		61.50	7,500.0	3,882.2	0.0	0.0	800,756.13	453,549.93	0.00	00.0
0.00 61.50 7,600.0 3,982.2 0.0 0.0 800,756.13 0.00 61.50 7,650.0 4,032.2 0.0 0.0 800,756.13 0.00 61.50 7,700.0 4,082.2 0.0 0.0 800,756.13 0.00 61.50 7,747.0 4,182.2 0.0 0.0 800,756.13 0.00 61.50 7,747.0 4,182.2 0.0 0.0 800,756.13 0.00 61.50 7,800.0 4,182.2 0.0 0.0 800,756.13 0.00 61.50 7,800.0 4,282.2 0.0 0.0 800,756.13 0.00 61.50 7,950.0 4,382.2 0.0 0.0 800,756.13 0.00 61.50 8,000.0 4,382.2 0.0 0.0 800,756.13 0.00 61.50 8,150.0 4,482.2 0.0 0.0 800,756.13 0.00 61.50 8,150.0 4,582.2 0.0 0.0 800,756.13 <td< td=""><td>7,55</td><td></td><td>61.50</td><td>7,550.0</td><td>3,932.2</td><td>0.0</td><td>0.0</td><td>800,756.13</td><td>453,549.93</td><td>00:00</td><td>0.00</td></td<>	7,55		61.50	7,550.0	3,932.2	0.0	0.0	800,756.13	453,549.93	00:00	0.00
0.00 61.50 7,650.0 4,032.2 0.0 0.0 800,756.13 0.00 61.50 7,700.0 4,082.2 0.0 0.0 800,756.13 0.00 61.50 7,700.0 4,182.2 0.0 0.0 800,756.13 0.00 61.50 7,800.0 4,182.2 0.0 0.0 800,756.13 0.00 61.50 7,800.0 4,232.2 0.0 0.0 800,756.13 0.00 61.50 7,800.0 4,282.2 0.0 0.0 800,756.13 0.00 61.50 7,900.0 4,282.2 0.0 0.0 800,756.13 0.00 61.50 8,000.0 4,382.2 0.0 0.0 800,756.13 0.00 61.50 8,100.0 4,482.2 0.0 0.0 800,756.13 0.00 61.50 8,150.0 4,582.2 0.0 0.0 800,756.13 0.00 61.50 8,250.0 4,582.2 0.0 0.0 800,756.13 <td< td=""><td>7,60</td><td></td><td>61.50</td><td>7,600.0</td><td>3,982.2</td><td>0.0</td><td>0.0</td><td>800,756.13</td><td>453,549.93</td><td>00:00</td><td>0.00</td></td<>	7,60		61.50	7,600.0	3,982.2	0.0	0.0	800,756.13	453,549.93	00:00	0.00
0.00 61.50 7,740.0 4,082.2 0.0 0.0 800,756.13 0.00 61.50 7,747.0 4,129.2 0.0 0.0 800,756.13 0.00 61.50 7,750.0 4,132.2 0.0 0.0 800,756.13 0.00 61.50 7,800.0 4,182.2 0.0 0.0 800,756.13 0.00 61.50 7,800.0 4,282.2 0.0 0.0 800,756.13 0.00 61.50 7,900.0 4,282.2 0.0 0.0 800,756.13 0.00 61.50 8,000.0 4,382.2 0.0 0.0 800,756.13 0.00 61.50 8,100.0 4,482.2 0.0 0.0 800,756.13 0.00 61.50 8,100.0 4,582.2 0.0 0.0 800,756.13 0.00 61.50 8,200.0 4,582.2 0.0 0.0 800,756.13 0.00 61.50 8,300.0 4,682.2 0.0 0.0 800,756.13 <td< td=""><td>7,65</td><td></td><td>61.50</td><td>7,650.0</td><td>4,032.2</td><td>0.0</td><td>0.0</td><td>800,756.13</td><td>453,549.93</td><td>00:00</td><td>0.00</td></td<>	7,65		61.50	7,650.0	4,032.2	0.0	0.0	800,756.13	453,549.93	00:00	0.00
0.00 61.50 7,747.0 4,129.2 0.0 0.0 800,756.13 0.00 61.50 7,750.0 4,132.2 0.0 0.0 800,756.13 0.00 61.50 7,800.0 4,182.2 0.0 0.0 800,756.13 0.00 61.50 7,800.0 4,232.2 0.0 0.0 800,756.13 0.00 61.50 7,950.0 4,382.2 0.0 0.0 800,756.13 0.00 61.50 8,000.0 4,382.2 0.0 0.0 800,756.13 0.00 61.50 8,100.0 4,482.2 0.0 0.0 800,756.13 0.00 61.50 8,150.0 4,532.2 0.0 0.0 800,756.13 0.00 61.50 8,150.0 4,532.2 0.0 0.0 800,756.13 0.00 61.50 8,250.0 4,532.2 0.0 0.0 800,756.13 0.00 61.50 8,300.0 4,682.2 0.0 0.0 800,756.13 <td< td=""><td>7,70</td><td></td><td>61.50</td><td>7,700.0</td><td>4,082.2</td><td>0.0</td><td>0.0</td><td>800,756.13</td><td>453,549.93</td><td>0.00</td><td>00.0</td></td<>	7,70		61.50	7,700.0	4,082.2	0.0	0.0	800,756.13	453,549.93	0.00	00.0
0.00 61.50 7,750.0 4,132.2 0.0 0.0 800,756.13 0.00 61.50 7,800.0 4,182.2 0.0 0.0 800,756.13 0.00 61.50 7,800.0 4,182.2 0.0 0.0 800,756.13 0.00 61.50 7,900.0 4,282.2 0.0 0.0 800,756.13 0.00 61.50 8,000.0 4,382.2 0.0 0.0 800,756.13 0.00 61.50 8,000.0 4,482.2 0.0 0.0 800,756.13 0.00 61.50 8,100.0 4,482.2 0.0 0.0 800,756.13 0.00 61.50 8,100.0 4,482.2 0.0 0.0 800,756.13 0.00 61.50 8,100.0 4,532.2 0.0 0.0 800,756.13 0.00 61.50 8,250.0 4,532.2 0.0 0.0 800,756.13 0.00 61.50 8,300.0 4,682.2 0.0 0.0 800,756.13 <td< td=""><td>7,74</td><td></td><td>61.50</td><td>7,747.0</td><td>4,129.2</td><td>0.0</td><td>0.0</td><td>800,756.13</td><td>453,549.93</td><td>0.00</td><td>0.00</td></td<>	7,74		61.50	7,747.0	4,129.2	0.0	0.0	800,756.13	453,549.93	0.00	0.00
0.00 61.50 7,750.0 4,132.2 0.0 0.0 800,756.13 0.00 61.50 7,800.0 4,182.2 0.0 0.0 800,756.13 0.00 61.50 7,800.0 4,282.2 0.0 0.0 800,756.13 0.00 61.50 7,900.0 4,282.2 0.0 0.0 800,756.13 0.00 61.50 8,000.0 4,322.2 0.0 0.0 800,756.13 0.00 61.50 8,000.0 4,382.2 0.0 0.0 800,756.13 0.00 61.50 8,100.0 4,432.2 0.0 0.0 800,756.13 0.00 61.50 8,100.0 4,432.2 0.0 0.0 800,756.13 0.00 61.50 8,100.0 4,532.2 0.0 0.0 800,756.13 0.00 61.50 8,250.0 4,532.2 0.0 0.0 800,756.13 0.00 61.50 8,300.0 4,682.2 0.0 0.0 800,756.13 <td< td=""><td>Brushy (</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	Brushy (
0.00 61.50 7,800.0 4,182.2 0.0 0.0 800,756.13 0.00 61.50 7,850.0 4,232.2 0.0 0.0 800,756.13 0.00 61.50 7,960.0 4,232.2 0.0 0.0 800,756.13 0.00 61.50 8,000.0 4,332.2 0.0 0.0 800,756.13 0.00 61.50 8,000.0 4,432.2 0.0 0.0 800,756.13 0.00 61.50 8,100.0 4,432.2 0.0 0.0 800,756.13 0.00 61.50 8,100.0 4,482.2 0.0 0.0 800,756.13 0.00 61.50 8,150.0 4,532.2 0.0 0.0 800,756.13 0.00 61.50 8,200.0 4,532.2 0.0 0.0 800,756.13 0.00 61.50 8,200.0 4,582.2 0.0 0.0 800,756.13 0.00 61.50 8,300.0 4,682.2 0.0 0.0 800,756.13 <td< td=""><td>7,75</td><td></td><td>61.50</td><td>7,750.0</td><td>4,132.2</td><td>0.0</td><td>0.0</td><td>800,756.13</td><td>453,549.93</td><td>00:00</td><td>0.00</td></td<>	7,75		61.50	7,750.0	4,132.2	0.0	0.0	800,756.13	453,549.93	00:00	0.00
0.00 61.50 7,86.0 4,232.2 0.0 0.0 800,756.13 0.00 61.50 7,900.0 4,282.2 0.0 0.0 800,756.13 0.00 61.50 7,900.0 4,382.2 0.0 0.0 800,756.13 0.00 61.50 8,000.0 4,382.2 0.0 0.0 800,756.13 0.00 61.50 8,100.0 4,482.2 0.0 0.0 800,756.13 0.00 61.50 8,100.0 4,482.2 0.0 0.0 800,756.13 0.00 61.50 8,100.0 4,582.2 0.0 0.0 800,756.13 0.00 61.50 8,200.0 4,582.2 0.0 0.0 800,756.13 0.00 61.50 8,300.0 4,682.2 0.0 0.0 800,756.13 0.00 61.50 8,300.0 4,682.2 0.0 0.0 800,756.13 0.00 61.50 8,300.0 4,732.2 0.0 0.0 800,756.13	7,80		61.50	7,800.0	4,182.2	0.0	0.0	800,756.13	453,549.93	00.00	0.00
0.00 61.50 7,900.0 4,282.2 0.0 0.0 800,756.13 0.00 61.50 7,960.0 4,332.2 0.0 0.0 800,756.13 0.00 61.50 8,000.0 4,332.2 0.0 0.0 800,756.13 0.00 61.50 8,050.0 4,482.2 0.0 0.0 800,756.13 0.00 61.50 8,160.0 4,532.2 0.0 0.0 800,756.13 0.00 61.50 8,200.0 4,532.2 0.0 0.0 800,756.13 0.00 61.50 8,200.0 4,582.2 0.0 0.0 800,756.13 0.00 61.50 8,200.0 4,682.2 0.0 0.0 800,756.13 0.00 61.50 8,300.0 4,682.2 0.0 0.0 800,756.13 0.00 61.50 8,300.0 4,682.2 0.0 0.0 800,756.13 0.00 61.50 8,300.0 4,732.2 0.0 0.0 800,756.13	7,85		61.50	7,850.0	4,232.2	0.0	0.0	800,756.13	453,549.93	0.00	0.00
0.00 61.50 7,950.0 4,332.2 0.0 0.0 800,756.13 0.00 61.50 8,000.0 4,382.2 0.0 0.0 800,756.13 0.00 61.50 8,050.0 4,432.2 0.0 0.0 800,756.13 0.00 61.50 8,100.0 4,482.2 0.0 0.0 800,756.13 0.00 61.50 8,150.0 4,532.2 0.0 0.0 800,756.13 0.00 61.50 8,200.0 4,632.2 0.0 0.0 800,756.13 0.00 61.50 8,250.0 4,632.2 0.0 0.0 800,756.13 0.00 61.50 8,300.0 4,632.2 0.0 0.0 800,756.13 0.00 61.50 8,300.0 4,632.2 0.0 0.0 800,756.13 0.00 61.50 8,350.0 4,632.2 0.0 0.0 800,756.13	7,90		61.50	7,900.0	4,282.2	0.0	0.0	800,756.13	453,549.93	0.00	00.00
0.00 61.50 8,000.0 4,382.2 0.0 0.0 800,756.13 0.00 61.50 8,050.0 4,432.2 0.0 0.0 800,756.13 0.00 61.50 8,100.0 4,482.2 0.0 0.0 800,756.13 0.00 61.50 8,150.0 4,582.2 0.0 0.0 800,756.13 0.00 61.50 8,200.0 4,632.2 0.0 0.0 800,756.13 0.00 61.50 8,300.0 4,682.2 0.0 0.0 800,756.13 0.00 61.50 8,300.0 4,682.2 0.0 0.0 800,756.13 0.00 61.50 8,350.0 4,732.2 0.0 0.0 800,756.13	7,95		61.50	7,950.0	4,332.2	0.0	0.0	800,756.13	453,549.93	0.00	00.0
0.00 61.50 8,050.0 4,432.2 0.0 0.0 800,756.13 0.00 61.50 8,100.0 4,482.2 0.0 0.0 800,756.13 0.00 61.50 8,150.0 4,532.2 0.0 0.0 800,756.13 0.00 61.50 8,260.0 4,582.2 0.0 0.0 800,756.13 0.00 61.50 8,260.0 4,632.2 0.0 0.0 800,756.13 0.00 61.50 8,360.0 4,682.2 0.0 0.0 800,756.13 0.00 61.50 8,350.0 4,732.2 0.0 0.0 800,756.13	8,00		61.50	8,000.0	4,382.2	0.0	0.0	800,756.13	453,549.93	00:00	0.00
0.00 61.50 8,100.0 4,482.2 0.0 0.0 800,756.13 0.00 61.50 8,150.0 4,532.2 0.0 0.0 800,756.13 0.00 61.50 8,200.0 4,532.2 0.0 0.0 800,756.13 0.00 61.50 8,260.0 4,632.2 0.0 0.0 800,756.13 0.00 61.50 8,300.0 4,682.2 0.0 0.0 800,756.13 0.00 61.50 8,350.0 4,732.2 0.0 0.0 800,756.13	8,05		61.50	8,050.0	4,432.2	0.0	0.0	800,756.13	453,549.93	00:00	0.00
0.00 61.50 8,150.0 4,532.2 0.0 0.0 800,756.13 0.00 61.50 8,200.0 4,582.2 0.0 0.0 800,756.13 0.00 61.50 8,250.0 4,632.2 0.0 0.0 800,756.13 0.00 61.50 8,300.0 4,682.2 0.0 0.0 800,756.13 0.00 61.50 8,350.0 4,732.2 0.0 0.0 800,756.13	8,10		61.50	8,100.0	4,482.2	0.0	0.0	800,756.13	453,549.93	00:00	0.00
0.00 61.50 8,200.0 4,582.2 0.0 0.0 800,756.13 0.00 61.50 8,250.0 4,632.2 0.0 0.0 800,756.13 0.00 61.50 8,300.0 4,682.2 0.0 0.0 800,756.13 0.00 61.50 8,350.0 4,732.2 0.0 0.0 800,756.13	8,15		61.50	8,150.0	4,532.2	0.0	0.0	800,756.13	453,549.93	0.00	0.00
0.00 61.50 8,250.0 4,632.2 0.0 0.0 800,756.13 0.0 0.0 800,756.13 0.0 0.0 61.50 8,350.0 4,732.2 0.0 0.0 800,756.13 0.0 0.0 0.0 800,756.13 0.0 0.0 0.0 0.0 800,756.13 0.0 0.0 0.0 0.0 8,350.0 4,732.2 0.0 0.0 800,756.13 0.0 0.0 0.0 8,350.0 0.0 0.0 8,350.0 0.0 0.0 8,350.0 0.0 0.0 8,350.0 0.0 0.0 8,350.0 0.0 0.0 8,350.0 0.0 0.0 0.0 8,350.0 0.0 0.0 0.0 8,350.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	8,20		61.50	8,200.0	4,582.2	0.0	0.0	800,756.13	453,549.93	0.00	0.00
0.00 61.50 8,300.0 4,682.2 0.0 0.0 800,756.13 0.00 61.50 8,350.0 4,732.2 0.0 0.0 800,756.13	8,25		61.50	8,250.0	4,632.2	0.0	0.0	800,756.13	453,549.93	00:00	0.00
0.00 61.50 8.350,0 4.732.2 0.0 0.0 800.756.13	8,30		61.50	8,300.0	4,682.2	0.0	0.0	800,756.13	453,549.93	00:00	0.00
	8,35	0.00	61.50	8,350.0	4,732.2	0.0	0.0	800,756.13	453,549.93	00:00	0.00

Particular	Company: Project: Site:	Kaiser Francis Bell Lake Unit South 433H Bell Lake Unit South 433H	33H 33H				Local Co-ordinate Reference: TVD Reference: MD Reference:	te Reference:	Well Bell Lake Unit South 433H WELL @ 3617.8usft (Original W WELL @ 3617.8usft (Original W	Well Bell Lake Unit South 433H WELL @ 3617.8usft (Original Well Elev) WELL @ 3617.8usft (Original Well Elev)	
Inc. Adjectmenth TVD TVDSS NS Carting Car	Well: Wellbore: Design:	Bell Lake Unit South 45 Bell Lake Unit South 43 190303 Bell Lake Unit 6	33H 33H South 433H				North Reference Survey Calculati Database:	ion Method:	Grid Minimum Curvature EDM 5000.1 Single	UserDb	
March Marc	Planned Survey										
0.00 61.50 64.400 4,782.2 0.0 0.0 60.756.13 453.548.83 0.00 0.00 61.50 8,450.0 4,482.2 0.0 0.0 80.756.13 453.648.83 0.00 0.00 61.50 8,450.0 4,480.2 0.0 0.0 80.756.13 453.648.83 0.00 4.22 61.50 8,500.0 4,882.2 1.1 0.0 80.756.58 453.650.17 0.00 4.22 61.50 8,500.0 4,882.2 1.1 0.0 80.756.59 453.650.17 0.00 6.00 61.50 8,650.0 4,882.2 1.1 0.0 80.756.50 4.78 0.0 80.756.50 1.12 0.0 80.756.50 4.78 0.0 80.756.50 4.78 0.0 80.756.50 4.78 0.0 80.756.50 4.78 0.0 80.756.50 4.78 0.0 80.756.50 4.78 0.0 80.756.50 4.78 0.0 80.756.50 4.78 0.0 80.756.50	MD (usft)	lnc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (nsft)	E/W (usft)	Easting (usft)	Northing (usft)	V. Sec (usft)	DLeg (°/100usft)
0.00 61.50 84.450 4,822.2 0.0 0.0 800,766.13 453.449.93 0.00 1.32 61.50 8,456.0 4,832.2 0.0 0.0 800,766.13 453.449.93 0.00 2.82 61.50 8,560.0 4,832.2 1.1 2.0 800,766.81 453.461.93 0.00 4.32 61.50 8,580.0 4,822.2 1.1 2.0 800,766.91 453.651.03 1.12 5.82 61.50 8,580.0 4,982.1 1.1 2.0 800,766.93 453.651.03 1.12 6.00 61.50 8,680.4 5,631.8 6.0 7.2 800,766.33 453.652.10 1.12 6.00 61.50 8,680.4 5,631.8 6.0 7.2 800,766.33 453.652.9 7.8 6.00 61.50 8,680.4 5,630.2 1,47 27.0 800,766.30 453.656.2 1.43 6.00 61.50 8,884.8 5,180.2 1,47 27.0 800,780.4	8,40			8,400.0	4,782.2			800,756.13	453,549.93		0.00
132 6150 84860 4882 00 00 90076618 4554689 00 122 6150 86000 43822 1.1 20 80076618 45356017 0.25 4.22 6150 85800 4,9822 1.1 20 80076617 45356103 1.12 4.22 6150 86869 4,9821 2.6 80076617 45356261 2.64 5.02 6150 86869 4,9821 2.6 80076630 45356261 2.64 6.00 6150 86869 5,0318 7.2 8.7 45356261 2.64 6.00 6150 87481 5,0318 7.2 17.2 45356261 2.6 6.00 6150 87481 5,0318 7.2 17.2 45356261 2.6 6.00 6150 87481 5,0318 7.2 17.2 45356261 2.6 6.00 6150 87481 5,0318 7.2 17.2 45356271	8,45		61.50	8,450.0	4,832.2	0.0	0.0	800,756.13	453,549.93	0.00	0.00
1.22 61.50 8.5000 4.8822 0.2 0.4 800,786.17 453.561.03 1.02 2.82 61.50 8.5000 4.982.2 1.1 2.0 800,786.17 453.561.03 1.12 5.82 61.50 8.699.9 4.982.1 1.2 2.0 800,786.17 453.564.02 1.12 6.00 61.50 8.656.6 5.037.8 4.7 8.7 800,768.37 453.564.02 5.04 6.00 61.50 8.656.6 5.037.8 7.2 13.2 800,768.37 453.564.02 5.08 6.00 61.50 8.749.1 5.031.8 7.2 17.2 800,778.96 453.564.02 5.08 6.00 61.50 8.749.1 5.141.0 12.2 22.4 800,778.96 453.564.92 5.08 6.00 61.50 8.749.1 5.141.0 12.2 22.4 800,778.96 453.565.02 14.3 6.00 61.50 8.848.6 5.240.8 14.7 27.1 800,785.4	8,45		61.50	8,456.0	4,838.2	0.0	0.0	800,756.13	453,549.93	0.00	0.00
0.0 1,22 61,50 8,500 4,882 0.2 0.4 800,766.56 4,535.60 1,12 0.0 4,22 61,50 8,560 4,982.1 1,1 2.0 900,786.1 4,12 1,12 0.0 4,22 61,50 8,569 4,982.1 2,6 4,2 800,766.9 453,567.6 1,12 0.0 6,00 61,50 8,649.7 5,031.9 4,7 800,766.3 453,567.1 2,64 0.0 6,00 61,50 8,649.7 5,031.9 4,7 800,766.3 453,567.2 1,7 0.0 6,00 61,50 8,496.1 5,037.8 7 17.8 800,786.7 453,667.0 5,6 0.0 6,00 61,50 8,798.8 5,181.0 17.2 17.8 800,786.7 453,66.2 1,7 0.0 6,00 61,50 8,798.8 5,181.0 17.2 17.8 800,786.7 453,66.2 1,7 0.0 6,00 61,50	Start Bu	ild 3.00									
0.0 2 k2 61 k5 4 k5 k2 11 2.0 800,788 17 455,551 03 112 0.0 4 k3 61 k5 6 k50 4 k362 11 2.0 800,788 17 455,555 13 112 0.0 6 k5 6 k5 6 k30 2 6 k30 3 6 k30 3 4 k35 k54 2 4 k35 k54 2 </td <td>8,50</td> <td></td> <td>61.50</td> <td>8,500.0</td> <td>4,882.2</td> <td>0.2</td> <td>0.4</td> <td>800,756.58</td> <td>453,550.17</td> <td>0.25</td> <td>3.00</td>	8,50		61.50	8,500.0	4,882.2	0.2	0.4	800,756.58	453,550.17	0.25	3.00
0.0 4.32 61.50 8,589.9 4,982.1 2.6 4.8 800,760.90 453,552.51 2.64 0.0 5.62 61.50 8,649.7 5,031.9 4.7 8.7 800,763.3 453,552.61 2.64 0.0 6.0 61.50 8,649.7 5,031.9 4.7 8.7 800,763.3 453,554.62 4.78 7.8 0.0 6.0 61.50 8,649.7 5,031.8 7.2 13.2 800,765.33 453,554.62 4.78 7.8 0.0 6.0 61.50 8,649.7 5,041.8 7.2 17.2 800,766.37 453.66.67 7.8 0.0 6.0 61.50 8,749.1 5,141.0 7.2 17.2 800,778.67 453.65 17.3 0.0 6.0 61.50 8,749.6 5,240.2 17.2 27.0 800,786.7 453.66.70 17.3 0.0 6.0 6.0 8,749.6 5,280.5 17.2 27.0 800,786.7 453.56.7	8,55		61.50	8,550.0	4,932.2	. .	2.0	800,758.17	453,551.03	1.12	3.00
0.0 5.82 61.50 8.64.97 5.031.9 4.7 8.7 80.765.3 453.554.62 4.78 8.0 8.0 6.0 6.0 61.50 8.655.6 5.037.8 5.0 9.2 800.765.3 453.554.92 5.08 9.0 6.0 61.50 8.656.6 5.037.8 5.081.6 7.2 17.8 800.773.96 453.554.11 7.31 0.0 6.00 61.50 8.749.1 5.141.3 9.7 17.8 800.773.96 453.555.61 9.85 0.0 6.00 61.50 8.749.1 5.141.3 17.2 2.2 800.773.96 453.555.61 17.3 0.0 6.00 61.50 8.870 5.181.0 17.2 2.0 800.785.74 453.565.21 17.3 0.0 6.00 61.50 8.870 5.280.2 17.2 2.0 800.785.74 453.566.5 17.4 0.0 6.00 61.50 8.887.0 5.280.2 17.2 2.0 800.786.74	8,60		61.50	8,599.9	4,982.1	2.6	4.8	800,760.90	453,552.51	2.64	3.00
6.0 6.0 6.0 6.0 9.2 90.765.33 453.554.92 5.08 90.0 bold at 8656.0 MD 6.0 <	8,65		61.50	8,649.7	5,031.9	4.7	8.7	800,764.79	453,554.62	4.78	3.00
90.0 bold at 6656.0 MD 61.50	8,65		61.50	8,655.6	5,037.8	5.0	9.2	800,765.33	453,554.92	5.08	3.00
0.0 61.50 8.699.4 5,081.6 7.2 13.2 800,769.37 455,557.11 7.31 0.0 61.50 8,749.1 5,181.3 9.7 17.8 800,779.6 455,565.1 7.31 0.0 6.00 61.50 8,749.1 5,181.0 12.2 22.4 800,778.6 455,566.1 9.85 0.0 6.00 61.50 8,848.6 5,280.8 14.7 27.0 800,782.16 453,566.20 14.93 0.0 6.00 61.50 8,848.0 5,280.2 16.8 800,782.7 453,566.52 16.89 0.0 6.00 61.50 8,948.0 5,280.2 17.2 30.6 800,782.7 453,566.52 16.89 0.0 6.00 61.50 8,948.0 5,280.2 19.7 30.6 800,782.7 453,566.52 16.89 0.0 6.00 61.50 8,948.0 5,390.2 19.7 40.8 800,782.4 453,560.58 16.89 0.0 6.00	Start 300	30.0 hold at 8656.0 MD									
0.0 6.0 61.50 87.491 5,131.3 9.7 17.8 800,773.66 453.569.61 985 0.0 6.0 61.50 87.98.8 5,181.0 12.2 22.4 800,778.66 453.569.61 9.85 0.0 6.0 61.50 87.98.8 5,289.2 14.7 27.0 800,783.15 453.565.20 12.39 1.0 6.0 61.50 8887.0 5,289.2 16.6 30.6 800,783.15 453.565.20 16.89 1.0 6.0 61.50 8887.0 5,289.2 17.2 27.0 800,783.4 453.565.82 16.89 1.0 6.0 6.0 61.50 8,948.0 5,380.0 22.1 40.8 800,783.4 453.565.80 17.4 1.0 6.0 6.0 61.50 9047.5 5,429.7 24.6 46.3 800,801.52 453.570.8 25.6 1.0 6.0 6.0 61.50 9047.5 5,429.7 22.1 46.3 800,801.51	8,70		61.50	8,699.4	5,081.6	7.2	13.2	800,769.37	453,557.11	7.31	0.00
0.0 6.00 61.50 8,798.8 5,181.0 12.2 22.4 800,778.56 453.564.59 12.39 0.0 6.00 61.50 8,848.6 5,280.8 14.7 27.0 800,783.15 453.564.59 14.93 ning Aira 6.00 61.50 8,848.0 5,280.5 17.2 30.6 800,783.15 453.566.52 14.93 ning Aira 6.00 61.50 8,848.0 5,280.5 17.2 30.6 800,787.74 453.566.52 16.89 0.0 6.00 6.00 61.50 8,948.0 5,280.5 17.2 31.6 800,787.74 453.566.52 16.89 0.0 6.00 6.00 61.50 8,948.0 5,380.0 22.1 40.8 800,782.34 453.569.58 17.47 0.0 6.00 6.00 61.50 9,047.5 5,461.2 22.1 40.8 800,782.34 453.570.68 25.54 0.0 6.00 6.150 9,146.9 5,461.2	8,75		61.50	8,749.1	5,131.3	9.7	17.8	800,773.96	453,559.61	9.85	0.00
0.0 6.00 61.50 8.848.6 5.230.8 14.7 27.0 800,783.15 453,564.59 14.93 8.6 6.00 61.50 8.888.3 5.280.5 16.6 30.6 800,783.74 453,566.52 16.89 0.0 6.00 61.50 8.888.3 5,280.5 17.2 31.6 800,787.74 453,566.52 16.89 0.0 6.00 61.50 8,948.0 5,280.5 17.2 30.7 46.3 800,787.74 453,567.69 17.47 0.0 6.00 61.50 9,047.5 5,380.0 22.1 40.8 800,782.34 453,569.58 20.01 0.0 6.00 61.50 9,047.5 5,429.7 24.6 45.4 800,801.52 453,570.6 25.6 0.0 6.00 61.50 9,047.5 5,479.4 27.1 40.8 800,804.43 453,570.6 26.9 0.0 6.00 61.50 9,146.9 5,479.4 27.1 50.0 800,806.11 453,570.6 </td <td>8,80</td> <td></td> <td>61.50</td> <td>8,798.8</td> <td>5,181.0</td> <td>12.2</td> <td>22.4</td> <td>800,778.56</td> <td>453,562.10</td> <td>12.39</td> <td>0.00</td>	8,80		61.50	8,798.8	5,181.0	12.2	22.4	800,778.56	453,562.10	12.39	0.00
8.6 6.00 61.50 8,887.0 5,269.2 16.6 30.6 800,786.7 453,566.5 16.89 ring 41.0 61.50 8,988.3 5,280.5 17.2 31.6 800,787.74 453,567.09 17.47 0.0 61.0 61.50 8,948.0 5,380.0 22.1 40.8 800,792.34 453,567.09 17.47 0.0 61.0 61.50 9,047.5 5,429.7 24.6 40.8 800,792.34 453,572.08 20.01 0.0 61.0 61.50 9,047.5 5,429.7 24.6 46.8 800,792.34 453,574.57 25.6 0.0 61.0 61.50 9,047.5 5,429.7 24.6 46.4 800,801.5 453,574.57 26.0 0.0 61.0 61.50 9,146.9 5,479.4 27.1 50.2 46.3 800,801.71 453,577.06 26.2 0.0 6.00 61.50 9,146.9 5,529.1 27.1 50.2 800,816.30 453,582.0 <td>8,85</td> <td></td> <td>61.50</td> <td>8,848.6</td> <td>5,230.8</td> <td>14.7</td> <td>27.0</td> <td>800,783.15</td> <td>453,564.59</td> <td>14.93</td> <td>0.00</td>	8,85		61.50	8,848.6	5,230.8	14.7	27.0	800,783.15	453,564.59	14.93	0.00
ving 6.00 61.50 8,898.3 5,280.5 17.2 31.6 800,787.74 453,567.09 17.47 0.0 6.00 61.50 8,948.0 5,330.2 19.7 36.2 800,792.34 453,569.58 20.01 0.0 6.00 61.50 8,997.8 5,380.0 22.1 40.8 800,796.33 453,572.08 20.01 0.0 6.00 61.50 9,047.5 5,480.7 24.6 45.4 800,801.52 453,572.08 25.6 1.7 6.00 61.50 9,079.0 5,461.2 26.2 48.3 800,804.43 453,576.15 26.6 0.0 6.00 61.50 9,146.9 5,461.2 27.1 50.0 800,806.11 453,576.15 26.6 0.0 6.00 61.50 9,146.9 5,529.1 27.1 50.0 800,806.17 453,579.56 26.6 0.0 6.00 61.50 9,146.9 5,578.9 27.1 59.2 800,810.77 453,587.04 37.7	8,88		61.50	8,887.0	5,269.2	16.6	30.6	800,786.70	453,566.52	16.89	0.00
0.0 6.00 61.50 8.898.3 5,280.5 17.2 31.6 800,787.74 455,567.09 17.47 0.0 6.00 61.50 8,948.0 5,330.2 19.7 36.2 800,792.34 455,669.58 20.01 0.0 6.00 61.50 8,948.0 5,380.0 22.1 40.8 800,796.33 453,572.08 20.01 0.0 6.00 61.50 9,047.5 5,429.7 24.6 45.4 800,801.52 453,574.57 25.08 1.7 6.00 61.50 9,047.5 5,429.7 24.6 48.3 800,804.43 453,576.15 25.6 0.0 6.00 61.50 9,047.5 5,479.4 27.1 50.0 800,806.11 453,577.06 27.62 0.0 6.00 61.50 9,146.9 5,529.1 29.6 54.6 800,816.30 453,582.05 30.16 0.0 6.00 61.50 9,246.4 5,628.6 34.6 800,815.30 453,587.64 35.77	Bone Sp										
0.0 6.00 61.50 8,948.0 5,330.2 19.7 36.2 800,792.34 453,569.58 20.01 0.0 6.00 61.50 8,997.8 5,380.0 22.1 40.8 800,796.93 453,572.08 20.54 0.0 6.00 61.50 9,047.5 5,429.7 24.6 46.4 800,801.52 453,574.57 25.08 1.7 6.00 61.50 9,047.5 5,429.7 24.6 27.1 50.0 800,804.43 453,576.15 26.69 0.0 6.00 61.50 9,097.2 5,479.4 27.1 50.0 800,806.11 453,577.06 27.62 0.0 6.00 61.50 9,146.9 5,529.1 29.6 54.6 800,810.71 453,579.56 30.16 0.0 6.00 61.50 9,146.7 5,578.9 32.1 59.2 800,819.39 453,582.05 32.70 0.0 6.00 61.50 9,246.4 5,678.3 34.6 800,819.89 453,582.64 3	8,90		61.50	8,898.3	5,280.5	17.2	31.6	800,787.74	453,567.09	17.47	0.00
0.0 6.00 61.50 8,997.8 5,380.0 22.1 40.8 800,796.93 453,572.08 22.54 0.0 6.00 61.50 9,047.5 5,429.7 24.6 45.4 800,801.52 453,574.57 25.08 1.7 6.00 61.50 9,047.5 5,461.2 26.2 48.3 800,804.43 453,576.15 26.08 1.0 6.00 61.50 9,097.2 5,461.2 26.2 48.3 800,806.11 453,576.15 26.69 0.0 6.00 61.50 9,146.9 5,529.1 27.1 50.0 800,810.71 453,579.56 30.16 0.0 6.00 61.50 9,146.9 5,529.1 29.6 54.6 800,815.30 453,582.05 32.70 0.0 6.00 61.50 9,246.4 5,628.6 34.6 63.8 800,819.89 453,584.54 37.77 0.0 6.00 61.50 9,296.1 5,678.3 37.1 68.4 800,824.49 453,587.64 3	8,95		61.50	8,948.0	5,330.2	19.7	36.2	800,792.34	453,569.58	20.01	0.00
0.0 6.00 61.50 9,047.5 5,429.7 24.6 45.4 800,801.52 453,574.57 25.08 1.7 6.00 61.50 9,047.5 5,461.2 26.2 48.3 800,804.43 453,576.15 26.69 0.0 6.00 61.50 9,097.2 5,479.4 27.1 50.0 800,806.11 453,577.06 27.62 0.0 6.00 61.50 9,146.9 5,529.1 29.6 54.6 800,810.71 453,579.56 30.16 0.0 6.00 61.50 9,146.9 5,578.9 32.1 59.2 800,815.30 453,582.05 32.70 0.0 6.00 61.50 9,246.4 5,628.6 34.6 63.8 800,819.89 453,584.54 35.23 0.0 6.00 6.00 61.50 9,296.1 5,678.3 37.1 68.4 800,824.49 453,587.04 37.77	00'6		61.50	8,997.8	5,380.0	22.1	40.8	800,796.93	453,572.08	22.54	0.00
1.7 6.00 61.50 9,079.0 5,461.2 26.2 48.3 800,804.43 453,576.15 26.69 0.0 6.00 61.50 9,097.2 5,479.4 27.1 50.0 800,806.11 453,577.06 27.62 0.0 6.00 61.50 9,146.9 5,529.1 29.6 54.6 800,816.70 453,579.56 30.16 0.0 6.00 61.50 9,146.9 5,578.9 32.1 59.2 800,815.30 453,582.05 32.70 0.0 6.00 61.50 9,246.4 5,628.6 34.6 63.8 800,819.89 453,584.54 35.23 0.0 6.00 61.50 9,296.1 5,678.3 37.1 68.4 800,824.49 453,587.04 37.77	9,05		61.50	9,047.5	5,429.7	24.6	45.4	800,801.52	453,574.57	25.08	0.00
0.0 6.00 61.50 9,097.2 5,479.4 27.1 50.0 800,806.11 453,577.06 27.62 0.0 6.00 61.50 9,146.9 5,529.1 29.6 54.6 800,810.71 453,579.56 30.16 0.0 6.00 61.50 9,196.7 5,578.9 32.1 59.2 800,815.30 453,582.05 32.70 0.0 6.00 61.50 9,246.4 5,628.6 34.6 63.8 800,819.89 453,584.54 35.23 0.0 6.00 61.50 9,296.1 5,678.3 37.1 68.4 800,824.49 453,587.04 37.77	80'6		61.50	9,079.0	5,461.2	26.2	48.3	800,804.43	453,576.15	26.69	0.00
6.00 61.50 9,097.2 5,479.4 27.1 50.0 800,806.11 453,577.06 27.62 6.00 61.50 9,146.9 5,529.1 29.6 54.6 800,810.71 453,579.56 30.16 6.00 61.50 9,196.7 5,578.9 32.1 59.2 800,815.30 453,582.05 32.70 6.00 61.50 9,246.4 5,628.6 34.6 63.8 800,819.89 453,584.54 35.23 6.00 61.50 9,296.1 5,678.3 37.1 68.4 800,824.49 453,587.04 37.77	Avalon										
6.00 61.50 9,146.9 5,529.1 29.6 54.6 800,816.71 453,579.56 30.16 6.00 61.50 9,196.7 5,578.9 32.1 59.2 800,815.30 453,582.05 32.70 6.00 61.50 9,246.4 5,628.6 34.6 63.8 800,819.89 453,584.54 35.23 6.00 61.50 9,296.1 5,678.3 37.1 68.4 800,824.49 453,587.04 37.77	9,10		61.50	9,097.2	5,479.4	27.1	20.0	800,806.11	453,577.06	27.62	0.00
6.00 61.50 9,196.7 5,578.9 32.1 59.2 800,815.30 453,582.05 32.70 6.00 61.50 9,246.4 5,628.6 34.6 63.8 800,819.89 453,584.54 35.23 6.00 61.50 9,296.1 5,678.3 37.1 68.4 800,824.49 453,587.04 37.77	9,15		61.50	9,146.9	5,529.1	29.6	54.6	800,810.71	453,579.56	30.16	0.00
6.00 61.50 9,246.4 5,628.6 34.6 63.8 800,819.89 453,584.54 35.23 6.00 61.50 9,296.1 5,678.3 37.1 68.4 800,824.49 453,587.04 37.77	9,20		61.50	9,196.7	5,578.9	32.1	59.2	800,815.30	453,582.05	32.70	0.00
6.00 61.50 9,296.1 5,678.3 37.1 68.4 800,824.49 453,587.04 37.77	9,25		61.50	9,246.4	5,628.6	34.6	63.8	800,819.89	453,584.54	35.23	0.00
	9,30		61.50	9,296.1	5,678.3	37.1	68.4	800,824.49	453,587.04	37.77	0.00

Design:	190303 Bell Lake Unit South 433H	190303 Bell Lake Unit South 433H				MD Reference: North Reference: Survey Calculation Method: Database:	: on Method:	WELL @ 3617.8usft (Origina Grid Minimum Curvature EDM 5000.1 Single User Db	WELL @ 3617.8usft (Original Well Elev) Grid Minimum Curvature EDM 5000.1 Single User Db	
Planned Survey MD (usft)	n E	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Easting (usft)	Northing (usft)	V. Sec (usft)	DLeg (*/100usft)
9,350.0		6.00 61.50	9,345.8	5,728.0	39.6	72.9	800,829.08	453,589.53	40.31	00:0
9,400.0		6.00 61.50	9,395.6	5,777.8	42.1	77.5	800,833.67	453,592.03	42.85	00.00
9,450.0		6.00 61.50	9,445.3	5,827.5	44.6	82.1	800,838.27	453,594.52	45.39	0.00
0.500.0		6.00 61.50	9,495.0	5,877.2	47.1	86.7	800,842.86	453,597.01	47.93	0.00
9,550.0		6.00 61.50	9,544.7	5,926.9	49.6	91.3	800,847.45	453,599.51	50.46	0.00
0.009,6		6.00 61.50	9,594.5	5,976.7	52.1	6.56	800,852.05	453,602.00	53.00	0.00
9,650.0		6.00 61.50	9,644.2	6,026.4	54.6	100.5	800,856.64	453,604.49	55.54	0.00
9,700.0		6.00 61.50	6,693.9	6,076.1	57.1	105.1	800,861.23	453,606.99	58.08	0.00
9,750.0		6.00 61.50	9,743.6	6,125.8	59.6	109.7	800,865.82	453,609.48	60.62	0.00
0.008,6		6.00 61.50	9,793.4	6,175.6	62.1	114.3	800,870.42	453,611.98	63.15	0.00
9,850.0		6.00 61.50	9,843.1	6,225.3	64.5	118.9	800,875.01	453,614.47	69:99	0.00
0.006,6		6.00 61.50	9,892.8	6,275.0	0.79	123.5	800,879.60	453,616.96	68.23	0.00
9,950.0		6.00 61.50	9,942.5	6,324.7	69.5	128.1	800,884.20	453,619.46	70.77	0.00
10,000.0		6.00 61.50	9,992.3	6,374.5	72.0	132.7	800,888.79	453,621.95	73.31	0.00
10,050.0		6.00 61.50	10,042.0	6,424.2	74.5	137.2	800,893.38	453,624.45	75.85	0.00
10,100.0		6.00 61.50	10,091.7	6,473.9	77.0	141.8	800,897.98	453,626.94	78.38	0.00
10,130.4		6.00 61.50	10,122.0	6,504.2	78.5	144.6	800,900.77	453,628.46	79.93	0.00
1st Bone	oring Sand									
10,150.0		6.00 61.50	10,141.5	6,523.7	79.5	146.4	800,902.57	453,629.43	80.92	0.00
10,200.0		6.00 61.50	10,191.2	6,573.4	82.0	151.0	800,907.16	453,631.93	83.46	0.00
10,250.0		6.00 61.50	10,240.9	6,623.1	84.5	155.6	800,911.76	453,634.42	86.00	0.00
10,300.0		6.00 61.50	10,290.6	6,672.8	87.0	160.2	800,916.35	453,636.91	88.54	0.00
10,350.0		6.00 61.50	10,340.4	6,722.6	89.5	164.8	800,920.94	453,639.41	91.07	0.00
10,400.0		6.00 61.50	10,390.1	6,772.3	92.0	169.4	800,925.53	453,641.90	93.61	0.00
10,450.0		6.00 61.50	10,439.8	6,822.0	94.5	174.0	800,930.13	453,644.40	96.15	0.00
10,500.0		6.00 61.50	10,489.5	6,871.7	0.76	178.6	800,934.72	453,646.89	98.69	0.00
10.550.0			000							

No. Biology No. Biology No. Biology No. Biology No. Biology Custoff (ustry) <	Company: Project: Site: Well: Wells Design:	Kaiser Francis Bell Lake Unit South 433H	Kaiser Francis Bell Lake Unit South 433H Bell Lake Unit South 433H Bell Lake Unit South 433H Bell Lake Unit South 433H				Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method: Database:	te Reference: ;; on Method:	Well Bell Lake Unit South 433H WELL @ 3617.8usft (Original W WELL @ 3617.8usft (Original W Grid Minimum Curvature EDM 5000.1 Single User Db	Well Bell Lake Unit South 433H WELL @ 3617.8usft (Original Well Elev) Will @ 3617.8usft (Original Well Elev) Grid Minimum Curvature EDM 5000.1 Single User Db	
5600 60 61 60 61 60 61 60 61 60 61 60 61 60 61 60 61 60 61 60 61 60 61 60 61 60 61 60 61 60 61 60 61 60 61 60 60 61 60 61 60 61 60 61 60 61 60 61 60 61 60 61 60 61 60 61 60 61 60 60 60 61 60 61 60 61 60 61 60 61 60 61 60 61 60 61 60 60 60 60 60 60 61 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60 6	Planned Survey MD (usft)	Inc (9)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Easting (usft)	Northing (usft)	V. Sec (usff)	DLeg (%100usft)
61 61<	10,600				6,971.2			800,943.91	453,651.88		0.00
600 61.50 10,687.0 7,030.2 106.4 197.0 600,985.0 453,665.2 10724 600 61.50 10,688.4 7,070.4 106.9 197.0 800,985.0 453,666.87 106.84 600 61.50 10,738.2 7,720.4 109.4 201.6 800,967.69 453,666.87 113.92 600 61.50 10,738.2 7,720.4 109.4 201.6 800,967.69 453,669.36 111.38 600 61.50 10,738.7 7,720.4 109.4 201.7 800,965.2 453,661.85 111.38 600 61.50 10,937.1 7,269.5 16.9 20.7 800,966.2 453,661.85 111.38 600 61.50 10,937.1 7,369.0 12.1 20.5 800,971.4 453,661.85 111.38 600 61.50 10,987.1 7,488.2 12.4 20.5 800,971.4 453,661.85 111.38 600 61.50 11,098.2 7,488.2 12.4	10,65(7,020.9	104.4	192.4	800,948.50	453,654.37	106.30	0.00
6.00 61.50 1.06884 7,0706 106.9 197.0 800.955.09 453.666.87 108.4 6.00 61.50 10,788.2 7,120.4 106.9 197.0 800.957.69 453.666.98 111.38 6.00 61.50 10,787.3 7,170.1 111.9 206.1 800.957.69 453.661.86 113.92 6.00 61.50 10,787.3 7,298.5 116.9 216.7 800.965.87 453.661.86 113.92 6.00 61.50 10,887.3 7,289.5 116.9 216.3 800.974.47 453.668.35 116.46 6.00 61.50 10,887.3 7,289.5 116.9 216.3 800.974.66 453.668.3 116.40 6.00 61.50 10,986.8 7,389.3 121.9 224.5 800.974.66 453.668.3 121.53 6.00 61.50 11,136.0 7,582.2 129.4 229.1 800.996.43 453.668.93 111.89 6.00 61.50 11,136.0 7,582.2 129.	10,668				7,039.2	105.4	194.1	800,950.19	453,655.29	107.24	0.00
6 00 61 50 10,6884 7,0706 106 9 197.0 800,683.09 453,666 87 110,844 6 00 61 50 10,738.2 7,170.1 1109.4 201.6 800,695.08 453,666.37 111.38 6 00 61 50 10,738.2 7,170.1 111.9 206.1 800,995.28 453,666.36 111.38 6 00 61 50 10,087.6 7,219.8 114.4 210.7 800,996.28 453,661.96 116.46 6 00 61 50 10,087.3 7,219.3 116.9 215.3 800,911.47 453,661.96 116.46 6 00 61 50 10,086.8 7,369.0 17.9 224.5 800,990.62 453,669.33 12.16.4 6 00 61 50 11,086.2 7,486.4 126.9 224.5 800,990.62 453,669.33 12.16.4 6 00 61 50 11,172.0 7,486.4 126.9 224.5 800,996.62 453,669.33 12.16.4 6 00 61 50 11,172.0 7,567.2 <	2nd Bon	9 Spring Sand									
6.00 61.50 10,738.2 7,120.4 109.4 201.6 800.957.69 453.665.36 111.38 6.00 61.50 10,738.2 7,170.1 111.9 206.1 800.967.87 453.668.36 113.92 6.00 61.50 10,887.3 7,170.1 114.4 210.7 800.966.87 453.668.36 116.46 6.00 61.50 10,887.3 7,289.5 116.9 215.3 800.971.47 453.668.35 116.46 6.00 61.50 10,386.3 7,389.0 121.9 224.5 800.966.87 453.668.33 121.53 6.00 61.50 11,036.2 7,487.7 124.4 224.5 800.986.24 453.678.2 124.07 6.00 61.50 11,036.2 7,488.4 126.9 224.5 800.986.24 453.678.2 125.67 6.00 61.50 11,136.7 7,567.9 131.2 224.5 800.986.24 453.678.2 129.15 6.00 61.50 11,136.7 7,567.9 13	10,700				7,070.6	106.9	197.0	800,953.09	453,656.87	108.84	00.0
6.00 61.50 10.787.9 7,170.1 111.9 206.1 800.966.28 453.661.68 113.92 6.00 61.50 10.837.6 7,219.8 114.4 2.16.7 800.966.87 453.661.85 116.46 6.00 61.50 10.887.3 7,249.8 116.9 2.16.3 800.976.06 453.661.83 116.46 6.00 61.50 10.986.8 7,349.3 119.4 2.24.5 800.980.65 453.67.32 121.53 6.00 61.50 11.086.2 7,418.7 124.4 2.24.5 800.980.65 453.67.32 121.53 6.00 61.50 11.086.2 7,418.7 124.4 2.24.5 800.980.65 453.67.82 121.53 6.00 61.50 11.136.0 7,518.2 129.4 2.24.5 800.980.62 453.67.82 121.53 6.00 61.50 11.136.0 7,518.2 129.4 2.24.5 800.980.62 453.67.82 121.53 6.00 61.50 11.136.0 7,567.2 <	10,750			•	7,120.4	109.4	201.6	800,957.69	453,659.36	111.38	0.00
6.00 61.50 10,837.6 7,219.8 114.4 210.7 800,966.87 453,664.35 116.46 6.00 61.50 10,887.3 7,289.5 116.9 215.3 800,971.47 453,666.84 118.99 6.00 61.50 10,986.8 7,389.3 119.4 219.9 800,971.47 453,666.84 118.99 6.00 61.50 10,986.8 7,389.0 121.9 224.5 800,990.65 453,678.32 124.07 6.00 61.50 11,086.2 7,484.4 126.9 233.7 800,990.84 453,678.82 129.15 6.00 61.50 11,136.0 7,584.2 129.4 228.3 800,990.84 453,678.82 129.15 6.00 61.50 11,136.0 7,584.2 131.2 241.6 800,999.43 453,678.81 129.15 6.00 61.50 11,136.0 7,584.2 131.2 241.6 800,999.43 453,678.81 129.15 6.00 61.50 11,138.7 7,564.2 <td< td=""><td>10,800</td><td></td><td></td><td></td><td>7,170.1</td><td>111.9</td><td>206.1</td><td>800,962.28</td><td>453,661.85</td><td>113.92</td><td>0.00</td></td<>	10,800				7,170.1	111.9	206.1	800,962.28	453,661.85	113.92	0.00
6.00 61.50 10,887.3 7,286.5 116.9 215.3 800,971.47 453,666.84 118.99 6.00 61.50 10,987.1 7,319.3 119.4 219.9 800,976.06 453,669.33 121.53 6.00 61.50 10,986.8 7,389.0 121.9 224.5 800,980.65 453,671.83 121.53 6.00 61.50 11,086.2 7,488.4 122.9 800,980.64 453,676.82 122.407 6.00 61.50 11,136.2 7,488.4 126.9 800,980.43 453,676.82 122.407 6.00 61.50 11,136.7 7,567.9 131.2 241.6 800,980.44 453,676.82 129.15 6.00 61.50 11,136.7 7,567.9 131.2 241.6 800,980.43 453,676.82 129.15 6.00 61.50 11,136.7 7,567.9 131.2 241.6 800,980.43 453,676.82 139.42 6.00 61.50 11,236.4 7,567.9 131.2 241.6 <	10,850				7,219.8	114.4	210.7	800,966.87	453,664.35	116.46	0.00
6.00 61.50 10,937.1 7,319.3 119.4 219.9 800,976.06 453,666.33 121.53 6.00 61.50 10,986.8 7,369.0 121.9 224.5 800,980.65 453,671.83 124,07 6.00 61.50 11,086.2 7,488.4 124.4 229.1 800,980.24 453,674.32 124.07 6.00 61.50 11,136.0 7,518.2 126.9 233.7 800,980.24 453,676.32 129.15 6.00 61.50 11,136.0 7,518.2 126.9 233.7 800,989.24 453,676.32 129.15 6.00 61.50 11,136.7 7,564.2 131.2 241.6 800,999.76 453,681.90 133.62 6.00 61.50 11,136.7 7,667.4 134.4 242.9 800,999.76 453,681.80 133.62 6.00 61.50 11,286.2 7,667.4 136.9 262.1 801,003.62 453,681.80 139.30 6.00 61.50 11,434.3 7,717.1 <td< td=""><td>10,900</td><td></td><td></td><td></td><td>7,269.5</td><td>116.9</td><td>215.3</td><td>800,971.47</td><td>453,666.84</td><td>118.99</td><td>0.00</td></td<>	10,900				7,269.5	116.9	215.3	800,971.47	453,666.84	118.99	0.00
6.00 61.50 10,986.8 7,369.0 121.9 224.5 800,980.65 453,671.83 124,07 6.00 61.50 11,036.5 7,418.7 124.4 229.1 800,985.24 453,671.83 126.07 6.00 61.50 11,036.2 7,468.4 126.9 233.7 800,989.44 453,676.82 129.15 6.00 61.50 11,136.0 7,564.2 131.2 24.6 800,994.43 453,678.31 131.69 6.00 61.50 11,136.0 7,564.2 131.2 24.16 800,994.43 453,678.93 131.69 6.00 61.50 11,136.7 7,564.2 131.2 24.16 800,999.02 453,679.31 131.69 6.00 61.50 11,136.7 7,567.9 131.2 24.2 800,999.02 453,679.31 131.69 6.00 61.50 11,234.9 7,671.6 134.4 242.9 800,999.2 453,691.30 133.6 6.00 61.50 11,334.9 7,717.1 139	10,950				7,319.3	119.4	219.9	800,976.06	453,669.33	121.53	0.00
6.00 61.50 11,036.5 7,418.7 124.4 229.1 800,986.24 453,674.32 126.61 6.00 61.50 11,086.2 7,468.4 126.9 233.7 800,989.84 453,678.31 129.15 6.00 61.50 11,136.0 7,584.2 129.4 238.3 800,994.43 453,679.31 131.69 6.00 61.50 11,172.0 7,554.2 131.2 241.6 800,997.76 453,681.12 133.52 6.00 61.50 11,135.7 7,657.9 131.9 242.9 800,990.76 453,681.12 133.52 6.00 61.50 11,285.2 7,667.4 134.4 247.5 801,003.62 453,681.12 133.52 6.00 61.50 11,334.9 7,717.1 136.9 252.1 801,012.80 453,689.29 141.84 6.00 61.50 11,334.9 7,717.1 139.4 265.3 801,017.40 453,689.29 141.84 6.00 61.50 11,434.3 7,816.5 <td< td=""><td>11,000</td><td></td><td></td><td></td><td>7,369.0</td><td>121.9</td><td>224.5</td><td>800,980.65</td><td>453,671.83</td><td>124.07</td><td>0.00</td></td<>	11,000				7,369.0	121.9	224.5	800,980.65	453,671.83	124.07	0.00
6.00 61.50 11,086 2 7,488 4 126.9 233.7 800,889.84 453,676.82 129.15 6.00 61.50 11,136.0 7,518.2 129.4 238.3 800,894.43 453,679.31 131.69 6.00 61.50 11,172.0 7,567.9 131.2 241.6 800,990.76 453,681.12 131.69 6.00 61.50 11,185.7 7,567.9 131.9 242.9 800,990.2 453,681.30 134.22 6.00 61.50 11,285.2 7,667.4 136.9 252.1 801,003.62 453,681.30 136.76 6.00 61.50 11,285.2 7,667.4 136.9 252.1 801,003.62 453,681.30 138.76 6.00 61.50 11,334.9 7,777.1 139.4 256.7 801,017.40 453,689.29 141.84 6.00 61.50 11,484.1 7,866.3 144.3 265.9 801,017.40 453,689.29 141.84 6.00 61.50 11,533.8 7,916.0	11,05(7,418.7	124.4	229.1	800,985.24	453,674.32	126.61	0.00
6.00 61.50 11,136.0 7,518.2 129.4 238.3 800,994.43 453,679.31 131.69 6.00 61.50 11,172.0 7,567.9 131.2 241.6 800,990.77 453,681.12 133.52 6.00 61.50 11,185.7 7,667.9 131.9 242.9 800,999.02 453,681.80 134.22 6.00 61.50 11,285.4 7,617.6 134.4 247.5 801,003.21 453,681.80 138.76 6.00 61.50 11,285.2 7,667.4 136.9 252.1 801,012.80 453,681.90 138.76 6.00 61.50 11,334.9 7,777.1 139.4 256.7 801,012.80 453,681.78 144.34 6.00 61.50 11,434.3 7,816.5 144.3 265.9 801,017.40 453,681.78 144.34 6.00 61.50 11,484.1 7,816.3 146.8 270.4 801,021.89 453,690.77 149.45 6.00 61.50 11,533.8 7,916.0 <td< td=""><td>11,100</td><td></td><td></td><td></td><td>7,468.4</td><td>126.9</td><td>233.7</td><td>800,989.84</td><td>453,676.82</td><td>129.15</td><td>0.00</td></td<>	11,100				7,468.4	126.9	233.7	800,989.84	453,676.82	129.15	0.00
6.00 61.50 11,172.0 7,554.2 131.2 241.6 800,997.76 453,681.12 133.52 6.00 61.50 11,185.7 7,567.9 131.9 242.9 800,999.02 453,681.80 134.22 6.00 61.50 11,235.4 7,617.6 134.4 247.5 801,003.62 453,684.30 136.76 6.00 61.50 11,235.2 7,667.4 136.9 252.1 801,012.80 453,686.79 139.30 6.00 61.50 11,334.9 7,717.1 139.4 256.7 801,012.80 453,689.29 141.84 6.00 61.50 11,344.3 7,716.8 144.3 265.9 801,017.40 453,690.77 146.91 6.00 61.50 11,484.1 7,866.3 144.3 270.4 801,021.99 453,690.27 149.45 6.00 61.50 11,583.8 7,916.0 149.3 275.0 801,035.17 453,690.27 151.99 6.00 61.50 11,583.5 7,965.7 <td< td=""><td>11,150</td><td></td><td></td><td></td><td>7,518.2</td><td>129.4</td><td>238.3</td><td>800,994.43</td><td>453,679.31</td><td>131.69</td><td>0.00</td></td<>	11,150				7,518.2	129.4	238.3	800,994.43	453,679.31	131.69	0.00
6.00 61.50 11,185.7 7,567.9 131.9 242.9 800,999.02 453,681.80 134.22 6.00 61.50 11,235.4 7,617.6 134.4 247.5 801,003.62 453,684.30 136.76 6.00 61.50 11,235.4 7,717.1 136.9 252.1 801,012.80 453,686.79 139.30 6.00 61.50 11,334.9 7,717.1 139.4 256.7 801,012.80 453,689.29 141.84 6.00 61.50 11,334.6 7,717.1 139.4 256.7 801,012.80 453,689.29 144.38 6.00 61.50 11,434.3 7,816.5 144.3 265.9 801,021.99 453,691.78 146.91 6.00 61.50 11,484.1 7,866.3 146.8 270.4 801,026.58 453,699.26 151.99 6.00 61.50 11,583.5 7,916.0 149.3 275.0 801,035.77 453,701.75 151.99 6.00 61.50 11,633.2 8,015.4 <td< td=""><td>11,186</td><td></td><td></td><td></td><td>7,554.2</td><td>131.2</td><td>241.6</td><td>800,997.76</td><td>453,681.12</td><td>133.52</td><td>0.00</td></td<>	11,186				7,554.2	131.2	241.6	800,997.76	453,681.12	133.52	0.00
6.00 61.50 11,185.7 7,567.9 131.9 242.9 800,999.02 455,681.80 134.22 6.00 61.50 11,235.4 7,617.6 134.4 247.5 801,003.62 453,681.80 136.76 6.00 61.50 11,235.4 7,717.1 139.4 256.7 801,012.80 453,689.29 141.84 6.00 61.50 11,334.9 7,717.1 139.4 256.7 801,012.80 453,689.29 141.84 6.00 61.50 11,334.9 7,717.1 139.4 256.7 801,017.40 453,691.78 144.38 6.00 61.50 11,434.3 7,816.5 144.3 265.9 801,021.99 453,691.78 146.91 6.00 61.50 11,484.1 7,866.3 146.8 270.4 801,021.98 453,699.26 151.99 6.00 61.50 11,533.8 7,916.0 149.3 275.0 801,035.77 453,701.75 151.99 6.00 61.50 11,533.2 7,965.7 <td< td=""><td>3rd Bone</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	3rd Bone										
6.00 61.50 11,235.4 7,617.6 134.4 247.5 801,003.62 453,684.30 136.76 6.00 61.50 11,285.2 7,667.4 136.9 252.1 801,008.21 453,686.79 139.30 6.00 61.50 11,334.9 7,717.1 139.4 256.7 801,012.80 453,680.29 141.84 6.00 61.50 11,434.3 7,716.8 141.9 261.3 801,017.40 453,694.27 146.91 6.00 61.50 11,484.1 7,816.5 146.8 270.4 801,026.58 453,696.27 149.45 6.00 61.50 11,583.5 7,916.0 149.3 275.0 801,031.18 453,699.26 151.99 6.00 61.50 11,583.5 7,965.7 154.3 275.0 801,031.18 453,701.75 154.53 6.00 61.50 11,633.2 8,015.4 154.3 284.2 801,040.36 453,704.25 157.07	11,200				7,567.9	131.9	242.9	800,999.02	453,681.80	134.22	0.00
6.00 61.50 11,285.2 7,667.4 136.9 252.1 801,008.21 453,686.79 139.30 6.00 61.50 11,334.9 7,717.1 139.4 256.7 801,012.80 453,686.79 141.84 6.00 61.50 11,384.6 7,766.8 141.9 261.3 801,017.40 453,691.78 144.38 6.00 61.50 11,484.1 7,866.3 146.8 270.4 801,026.58 453,696.77 149.45 6.00 61.50 11,583.5 7,916.0 149.3 275.0 801,031.18 453,699.26 151.99 6.00 61.50 11,583.5 7,965.7 151.8 279.6 801,040.36 453,704.25 157.07	11,25(7,617.6	134.4	247.5	801,003.62	453,684.30	136.76	0.00
6.00 61.50 11,334.9 7,717.1 139.4 256.7 801,012.80 453,689.29 141.84 6.00 61.50 11,384.6 7,766.8 141.9 261.3 801,017.40 453,691.78 144.38 6.00 61.50 11,484.1 7,866.3 144.3 265.9 801,021.99 453,694.77 146.91 6.00 61.50 11,583.8 7,916.0 149.3 275.0 801,031.18 453,699.26 151.99 6.00 61.50 11,583.5 7,965.7 151.8 279.6 801,035.77 453,704.75 154.53 6.00 61.50 11,633.2 8,015.4 154.3 284.2 801,040.36 453,704.25 157.07	11,300				7,667.4	136.9	252.1	801,008.21	453,686.79	139.30	0.00
6.00 61.50 11,384.6 7,766.8 141.9 261.3 801,017.40 453,691.78 144.38 6.00 61.50 11,434.3 7,816.5 144.3 265.9 801,021.99 453,694.27 146.91 6.00 61.50 11,484.1 7,866.3 146.8 270.4 801,026.58 453,696.77 149.45 6.00 61.50 11,583.8 7,916.0 149.3 279.6 801,035.77 453,701.75 154.53 6.00 61.50 11,583.5 8,016.4 154.3 284.2 801,040.36 453,704.25 157.07	11,350				7,717.1	139.4	256.7	801,012.80	453,689.29	141.84	0.00
6.00 61.50 11,434.3 7,816.5 144.3 265.9 801,021.99 453,694.27 146.91 6.00 61.50 11,484.1 7,866.3 146.8 270.4 801,026.58 453,696.77 149.45 6.00 61.50 11,583.8 7,916.0 149.3 275.0 801,031.18 453,699.26 151.99 6.00 61.50 11,583.5 7,965.7 151.8 279.6 801,035.77 453,701.75 154.53 6.00 61.50 11,633.2 8,015.4 154.3 284.2 801,040.36 453,704.25 157.07	11,400				7,766.8	141.9	261.3	801,017.40	453,691.78	144.38	0.00
6.00 61.50 11,484.1 7,866.3 146.8 270.4 801,026.58 453,696.77 149.45 6.00 61.50 11,533.8 7,916.0 149.3 275.0 801,031.18 453,699.26 151.99 6.00 61.50 11,583.5 7,965.7 151.8 279.6 801,040.36 453,701.75 154.53 6.00 61.50 11,633.2 8,015.4 154.3 284.2 801,040.36 453,704.25 157.07	11,45(7,816.5	144.3	265.9	801,021.99	453,694.27	146.91	0.00
6.00 61.50 11,533.8 7,916.0 149.3 275.0 801,031.18 453,699.26 151.99 6.00 61.50 11,583.5 7,965.7 151.8 279.6 801,035.77 453,701.75 154.53 6.00 61.50 11,633.2 8,015.4 154.3 284.2 801,040.36 453,704.25 157.07	11,500				7,866.3	146.8	270.4	801,026.58	453,696.77	149.45	0.00
6.00 61.50 11,583.5 7,965.7 151.8 279.6 801,035.77 453,701.75 154.53 6.00 61.50 11,633.2 8,015.4 154.3 284.2 801,040.36 453,704.25 157.07	11,55(7,916.0	149.3	275.0	801,031.18	453,699.26	151.99	0.00
6.00 61.50 11,633.2 8,015.4 154.3 284.2 801,040.36 453,704.25 157.07	11,600				7,965.7	151.8	279.6	801,035.77	453,701.75	154.53	0.00
	11,65(8,015.4	154.3	284.2	801,040.36	453,704.25	157.07	0.00

Company: Project: Site: Well:	Kaiser Francis Bell Lake Unit Bell Lake Unit Bell Lake Unit	Kaiser Francis Bell Lake Unit South 433H Bell Lake Unit South 433H Bell Lake Unit South 433H	3H 3H 3H				Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference:	e Reference:	Well Bell Lake Unit South 433H WELL @ 3617.8usft (Original W WELL @ 3617.8usft (Original W	Well Bell Lake Unit South 433H WELL @ 3617.8usft (Original Well Elev) WELL @ 3617.8usft (Original Well Elev) Grid	
Wellbore: Design:	Bell Lake U 190303 Bell	Bell Lake Unit South 433H 190303 Bell Lake Unit South 433H	3H 3outh 433H				Survey Calculation Method: Database:	on Method:	Minimum Curvature EDM 5000.1 Single User Db	User Db	
Planned Survey											
MD (nsft)	lnc ©	٠ ,	Azi (azimuth)	TVD (nsft)	TVDSS (usft)	N/S (t)s(t)	E/W (usft)	Easting (usft)	Northing (usft)	V. Sec (usft)	DLeg (*/100usft)
11,668.9		00.9	61.50	11,652.0	8,034.2	155.3	286.0	801,042.09	453,705.19	158.02	00.00
3rd Bone Sp 11,686.0	3rd Bone Spring Sand 11,686.0	6.00	61.50	11,669.0	8,051.2	156.1	287.5	801,043.67	453,706.04	158.89	0.00
Start Drop -3.00	n -3.00										
11,700.0	0.0	5.58	61.50	11,683.0	8,065.2	156.8	288.8	801,044.91	453,706.72	159.58	3.00
11,750.0	0.0	4.08	61.50	11,732.8	8,115.0	158.8	292.5	801,048.61	453,708.73	161.62	3.00
11,800.0	0.0	2.58	61.50	11,782.7	8,164.9	160.2	295.0	801,051.16	453,710.11	163.04	3.00
11,850.0	0.0	1.08	61.50	11,832.7	8,214.9	160.9	296.4	801,052.56	453,710.87	163.81	3.00
11,886.0	9.0	0.00	0.00	11,868.7	8,250.9	161.1	296.7	801,052.86	453,711.04	163.98	3.00
Start 60.0	Start 60.0 hold at 11886.0 MD	36.0 MD									
11,900.0	0.0	0.00	0.00	11,882.7	8,264.9	161.1	296.7	801,052.86	453,711.04	163.98	0.00
11,946.0	9.0	0.00	0.00	11,928.7	8,310.9	161.1	296.7	801,052.86	453,711.04	163.98	00.00
Start Build 10.00 11,950.0	11 d 10.00	0.40	0.00	11,932.7	8,314.9	161.1	296.7	801,052.86	453,711.05	163.99	10.00
11,974.3	4.3	2.83	0.00	11,957.0	8,339.2	161.8	296.7	801,052.86	453,711.74	164.68	10.00
Wolfcamp	d										
12,000.0	0.0	5.40	00.00	11,982.6	8,364.8	163.7	296.7	801,052.86	453,713.58	166.52	10.00
12,050.0	0.0	10.40	0.00	12,032.1	8,414.3	170.5	296.7	801,052.86	453,720.45	173.39	10.00
12,100.0	0.0	15.40	0.00	12,080.8	8,463.0	181.7	296.7	801,052.86	453,731.61	184.55	10.00
12,150.0	0.0	20.40	0.00	12,128.4	8,510.6	197.0	296.7	801,052.86	453,746.97	199.91	10.00
12,200.0	0.0	25.40	00.00	12,174.4	8,556.6	216.5	296.7	801,052.86	453,766.42	219.36	10.00
12,250.0	0.0	30.40	00.00	12,218.6	8,600.8	239.9	296.7	801,052.86	453,789.81	242.75	10.00
12,300.0	0.0	35.40	0.00	12,260.6	8,642.8	267.0	296.7	801,052.86	453,816.96	269.89	10.00
12,350.0	0.0	40.40	0.00	12,300.0	8,682.2	297.7	296.7	801,052.86	453,847.66	300.60	10.00
12,400.0	0.0	45.40	00.00	12,336.6	8,718.8	331.8	296.7	801,052.86	453,881.69	334.62	10.00
12,450.0	0.0	50.40	00.00	12,370.1	8,752.3	368.9	296.7	801,052.86	453,918.78	371.71	10.00
12,500.0	0.0	55.40	00.00	12,400.3	8,782.5	408.7	296.7	801,052.86	453,958.64	411.57	10.00
12,550.0	0.0	60.40	00.00	12,426.9	8,809.1	451.1	296.7	801,052.86	454,000.99	453.91	10.00

Company: Project: Site: Well: Wellbore: Design:	Kaiser Francis Bell Lake Unit South 433H 190303 Bell Lake Unit South 433H	33H 33H 33H 33H South 433H				Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method: Database:	te Reference: : on Method:	Well Bell Lake Unit South 433H WELL @ 3617.8usft (Original WELL @ 3617.8usft (Original WGrd Minimum Curvature EDM 5000.1 Single User Db	Well Bell Lake Unit South 433H WELL @ 3617.8usft (Original Well Elev) WHELL @ 3617.8usft (Original Well Elev) Grid Minimum Curvature EDM 5000.1 Single User Db	55
Planned Survey										
MD (nsft)	nc ©	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Easting (usft)	Northing (usft)	V. Sec (usft)	DLeg (°/100usft)
12,600.0		0.00	12,449.6	8,831.8	495.6	296.7	801,052.86	454,045.48	498.41	10.00
12,650.0	50.0 70.40	0.00	12,468.4	8,850.6	541.9	296.7	801,052.86	454,091.79	544.72	10.00
12,700.0	00.0 75.40	0.00	12,483.1	8,865.3	589.6	296.7	801,052.86	454,139.57	592.49	10.00
12,750.0	50.0 80.40	0.00	12,493.6	8,875.8	638.5	296.7	801,052.86	454, 188.44	641.36	10.00
12,800.0	00.0 85.40	0.00	12,499.8	8,882.0	688.1	296.7	801,052.86	454,238.04	96.069	10.00
12,846.0	16.0 90.00	0.00	12,501.6	8,883.8	734.1	296.7	801,052.86	454,283.99	736.91	10.00
Start 124	Start 124.0 hold at 12846.0 MD									
12,850.0	00.06 0.00	00:00	12,501.6	8,883.8	738.1	296.7	801,052.86	454,287.99	740.91	00.0
12,900.0	00.00	0.00	12,501.6	8,883.8	788.1	296.7	801,052.86	454,337.99	790.90	00:00
12,950.0	00.06 0.00	0.00	12,501.6	8,883.8	838.1	296.7	801,052.86	454,387.99	840.90	00:00
12,970.0	00.00	0.00	12,501.6	8,883.8	858.1	296.7	801,052.86	454,407.99	860.90	0.00
Start Turn -1.62	rn -1.62									
13,000.0	00.00	359.51	12,501.6	8,883.8	888.1	296.6	801,052.74	454,437.99	890.90	1.62
13,050.0	00.06 00.00	358.70	12,501.6	8,883.8	938.1	295.8	801,051.96	454,487.99	940.88	1.62
13,070.0	00.00	358.38	12,501.6	8,883.8	958.1	295.3	801,051.45	454,507.98	28.096	1.62
Start 753	hold at 13070									
13,100.0	00.00	358.38	12,501.6	8,883.8	988.0	294.5	801,050.60	454,537.97	990.85	00.0
13,150.0	00.06 0.00	358.38	12,501.6	8,883.8	1,038.0	293.1	801,049.19	454,587.95	1,040.81	0.00
13,200.0	00.00	358.38	12,501.6	8,883.8	1,088.0	291.6	801,047.77	454,637.93	1,090.78	0.00
13,250.0	00.06 0.00	358.38	12,501.6	8,883.8	1,138.0	290.2	801,046.36	454,687.91	1,140.74	00:00
13,300.0	00.00	358.38	12,501.6	8,883.8	1,188.0	288.8	801,044.95	454,737.89	1,190.70	00:00
13,350.0	00.06 0.00	358.38	12,501.6	8,883.8	1,237.9	287.4	801,043.53	454,787.87	1,240.67	00:00
13,400.0	00.00	358.38	12,501.6	8,883.8	1,287.9	286.0	801,042.12	454,837.85	1,290.63	0.00
13,450.0	00.06 00.00	358.38	12,501.6	8,883.8	1,337.9	284.6	801,040.71	454,887.83	1,340.60	0.00
13,500.0	00.00	358.38	12,501.6	8,883.8	1,387.9	283.2	801,039.29	454,937.81	1,390.56	00:00
13,550.0	00.06 0.00	358.38	12,501.6	8,883.8	1,437.9	281.7	801,037.88	454,987.79	1,440.52	00:00
13,600.0	00.00	358.38	12,501.6	8,883.8	1,487.8	280.3	801,036.47	455,037.77	1,490.49	00:00
13,650.0	00.06 0.00	358.38	12,501.6	8,883.8	1,537.8	278.9	801,035.05	455,087.75	1,540.45	00:00

Molitication Moli	Kaiser Francis					Local Co-ordinate Beference:	o Boforonco.	Well Bell 1 ake Unit South 433H	South 433H	
Inc	Bell Lake Unit So Bell Lake Unit So Bell Lake Unit So Bell Lake Unit So 190303 Bell Lake	uth 433H uth 433H uth 433H uth 433H Unit South 433H				TVD Reference: MD Reference: North Reference: Survey Calculation Method: Database:	on Method:	WELL @ 3617.8usft (Origina WELL @ 3617.8usft (Origina Grid Minimum Curvature EDM 5000.1 Single User Db	Well Doil Laws Office Code 1700 WELL @ 3617.8usft (Original Well Elev) Grid Minimum Curvature EDM 5000.1 Single User Db	
(7) (1) <th></th>										
77000 90.00 358.38 12,5016 8,883.8 7,750 90.00 358.38 12,5016 8,883.8 7,800 90.00 358.38 12,5016 8,883.8 7,800 90.00 358.38 12,5016 8,883.8 8,800 90.00 358.38 12,5016 8,883.8 1,000 90.00 358.38 12,5016 8,883.8 1,000 90.00 358.38 12,5016 8,883.8 1,100 90.00 358.38 12,5016 8,883.8 1,100 90.00 358.38 12,5016 8,883.8 1,250 90.00 358.38 12,5016 8,883.8 1,300 90.00 358.38 12,5016 8,883.8 1,450 90.00 358.38 12,5016 8,883.8 1,450 90.00 358.38 12,5016 8,883.8 1,550 90.00 358.38 12,5016 8,883.8 1,500 90.00 358.38 12,5016	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Easting (usft)	Northing (usft)	V. Sec (usft)	DLeg (°/100usft)
90.00 358.38 12,5016 8,883.8 90.00 358.38 12,5016 8,883.8 90.00 358.38 12,5016 8,883.8 90.00 358.38 12,5016 8,883.8 90.00 358.38 12,5016 8,883.8 90.00 358.38 12,5016 8,883.8 90.00 358.38 12,5016 8,883.8 90.00 358.38 12,5016 8,883.8 90.00 358.38 12,5016 8,883.8 90.00 358.38 12,5016 8,883.8 90.00 358.38 12,5016 8,883.8 90.00 358.38 12,5016 8,883.8 90.00 358.38 12,5016 8,883.8 90.00 358.38 12,5016 8,883.8 90.00 358.38 12,5016 8,883.8 90.00 358.38 12,5016 8,883.8 90.00 358.38 12,5016 8,883.8 90.00 358.38 12,5016 8,883.8 90.00 358.38 12,5016 8,883			12,501.6	8,883.8		277.5	801,033.64	455,137.73	1,590.42	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 </td <td></td> <td></td> <td>12,501.6</td> <td>8,883.8</td> <td>1,637.8</td> <td>276.1</td> <td>801,032.23</td> <td>455,187.71</td> <td>1,640.38</td> <td>0.00</td>			12,501.6	8,883.8	1,637.8	276.1	801,032.23	455,187.71	1,640.38	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 </td <td></td> <td></td> <td>12,501.6</td> <td>8,883.8</td> <td>1,687.8</td> <td>274.7</td> <td>801,030.81</td> <td>455,237.69</td> <td>1,690.34</td> <td>0.00</td>			12,501.6	8,883.8	1,687.8	274.7	801,030.81	455,237.69	1,690.34	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 </td <td></td> <td></td> <td>12,501.6</td> <td>8,883.8</td> <td>1,737.7</td> <td>273.3</td> <td>801,029.40</td> <td>455,287.67</td> <td>1,740.31</td> <td>0.00</td>			12,501.6	8,883.8	1,737.7	273.3	801,029.40	455,287.67	1,740.31	0.00
90.00 356.38 12,501.6 8,883.8 90.00 356.38 12,501.6 8,883.8 90.00 356.38 12,501.6 8,883.8 90.00 356.38 12,501.6 8,883.8 90.00 356.38 12,501.6 8,883.8 90.00 356.38 12,501.6 8,883.8 90.00 356.38 12,501.6 8,883.8 90.00 356.38 12,501.6 8,883.8 90.00 356.38 12,501.6 8,883.8 90.00 356.38 12,501.6 8,883.8 90.00 356.38 12,501.6 8,883.8 90.00 356.38 12,501.6 8,883.8 90.00 356.38 12,501.6 8,883.8 90.00 356.38 12,501.6 8,883.8 90.00 356.38 12,501.6 8,883.8 90.00 356.38 12,501.6 8,883.8 90.00 356.38 12,501.6 8,883.8 90.00 356.38 12,501.6 8,883.8 90.00 356.38 12,501.6 </td <td></td> <td></td> <td>12,501.6</td> <td>8,883.8</td> <td>1,787.7</td> <td>271.9</td> <td>801,027.98</td> <td>455,337.65</td> <td>1,790.27</td> <td>00:00</td>			12,501.6	8,883.8	1,787.7	271.9	801,027.98	455,337.65	1,790.27	00:00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 </td <td></td> <td></td> <td>12,501.6</td> <td>8,883.8</td> <td>1,837.7</td> <td>270.4</td> <td>801,026.57</td> <td>455,387.63</td> <td>1,840.24</td> <td>0.00</td>			12,501.6	8,883.8	1,837.7	270.4	801,026.57	455,387.63	1,840.24	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8			12,501.6	8,883.8	1,887.7	269.0	801,025.16	455,437.61	1,890.20	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8			12,501.6	8,883.8	1,937.7	267.6	801,023.74	455,487.59	1,940.16	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8			12,501.6	8,883.8	1,987.6	266.2	801,022.33	455,537.57	1,990.13	0.00
90.00358.3812,501.68,883.890.00358.3812,501.68,883.890.00358.3812,501.68,883.890.00358.3812,501.68,883.890.00358.3812,501.68,883.890.00358.3812,501.68,883.890.00358.3812,501.68,883.890.00358.3812,501.68,883.890.00358.3812,501.68,883.890.00358.3812,501.68,883.890.00358.3812,501.68,883.890.00358.3812,501.68,883.890.00358.3812,501.68,883.890.00358.3812,501.68,883.890.00358.3812,501.68,883.8			12,501.6	8,883.8	2,037.6	264.8	801,020.92	455,587.55	2,040.09	0.00
90.00358.3812,501.68,883.890.00358.3812,501.68,883.890.00358.3812,501.68,883.890.00358.3812,501.68,883.890.00358.3812,501.68,883.890.00358.3812,501.68,883.890.00358.3812,501.68,883.890.00358.3812,501.68,883.890.00358.3812,501.68,883.890.00358.3812,501.68,883.890.00358.3812,501.68,883.890.00358.3812,501.68,883.890.00358.3812,501.68,883.8			12,501.6	8,883.8	2,087.6	263.4	801,019.50	455,637.53	2,090.06	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8			12,501.6	8,883.8	2,137.6	262.0	801,018.09	455,687.51	2,140.02	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8			12,501.6	8,883.8	2,187.6	260.5	801,016.68	455,737.49	2,189.98	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8			12,501.6	8,883.8	2,237.5	259.1	801,015.26	455,787.47	2,239.95	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8			12,501.6	8,883.8	2,287.5	257.7	801,013.85	455,837.45	2,289.91	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8			12,501.6	8,883.8	2,337.5	256.3	801,012.44	455,887.43	2,339.88	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8			12,501.6	8,883.8	2,387.5	254.9	801,011.02	455,937.41	2,389.84	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8			12,501.6	8,883.8	2,437.5	253.5	801,009.61	455,987.39	2,439.80	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8			12,501.6	8,883.8	2,487.4	252.1	801,008.20	456,037.37	2,489.77	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8			12,501.6	8,883.8	2,537.4	250.6	801,006.78	456,087.35	2,539.73	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8			12,501.6	8,883.8	2,587.4	249.2	801,005.37	456,137.33	2,589.69	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8			12,501.6	8,883.8	2,637.4	247.8	801,003.95	456,187.31	2,639.66	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8			12,501.6	8,883.8	2,687.4	246.4	801,002.54	456,237.29	2,689.62	00.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8			12,501.6	8,883.8	2,737.3	245.0	801,001.13	456,287.27	2,739.59	0.00
90.00 358.38 12,501.6 8,883.8			12,501.6	8,883.8	2,787.3	243.6	800,999.71	456,337.25	2,789.55	00.00
			12,501.6	8,883.8	2,837.3	242.2	800,998.30	456,387.23	2,839.51	0.00
15,000.0 90.00 358.38 12,501.6 8,883.8 2,887.3			12,501.6	8,883.8	2,887.3	240.8	800,996.89	456,437.21	2,889.48	0.00

TVD TVDS NVS NVS	Bell Lake Unit South 433H					North Reference: Survey Calculation Method: Database:	: on Method:	Minimum Curvature EDM 5000.1 Single User Db	e ; User Db	
(7) (8) (1047)		Azi (azimuth)	TVD	TVBSS	S/N	E/W	Easting	Northing	V. Sec	DLeg
90.00 358.38 12,501.6 8,883.8 90.00		(a)	(nstt)	(JJsn)		_	(nsft)	(nsft)	(nsft)	£
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 </td <td>5,050.0</td> <td></td> <td>12,501.6</td> <td>8,883.8</td> <td>2,937.3</td> <td>239.3</td> <td>800,995.47</td> <td>456,487.19</td> <td>2,939.44</td> <td>0.00</td>	5,050.0		12,501.6	8,883.8	2,937.3	239.3	800,995.47	456,487.19	2,939.44	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 </td <td>5,100.0</td> <td></td> <td>12,501.6</td> <td>8,883.8</td> <td>2,987.2</td> <td>237.9</td> <td>800,994.06</td> <td>456,537.17</td> <td>2,989.41</td> <td>0.00</td>	5,100.0		12,501.6	8,883.8	2,987.2	237.9	800,994.06	456,537.17	2,989.41	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 </td <td>5,150.0</td> <td></td> <td>12,501.6</td> <td>8,883.8</td> <td>3,037.2</td> <td>236.5</td> <td>800,992.65</td> <td>456,587.15</td> <td>3,039.37</td> <td>0.00</td>	5,150.0		12,501.6	8,883.8	3,037.2	236.5	800,992.65	456,587.15	3,039.37	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 </td <td>5,200.0</td> <td></td> <td>12,501.6</td> <td>8,883.8</td> <td>3,087.2</td> <td>235.1</td> <td>800,991.23</td> <td>456,637.13</td> <td>3,089.33</td> <td>0.00</td>	5,200.0		12,501.6	8,883.8	3,087.2	235.1	800,991.23	456,637.13	3,089.33	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 </td <td>5,250.0</td> <td></td> <td>12,501.6</td> <td>8,883.8</td> <td>3,137.2</td> <td>233.7</td> <td>800,989.82</td> <td>456,687.11</td> <td>3,139.30</td> <td>0.00</td>	5,250.0		12,501.6	8,883.8	3,137.2	233.7	800,989.82	456,687.11	3,139.30	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 </td <td>5,300.0</td> <td></td> <td>12,501.6</td> <td>8,883.8</td> <td>3,187.2</td> <td>232.3</td> <td>800,988.41</td> <td>456,737.09</td> <td>3,189.26</td> <td>0.00</td>	5,300.0		12,501.6	8,883.8	3,187.2	232.3	800,988.41	456,737.09	3,189.26	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8	5,350.0		12,501.6	8,883.8	3,237.1	230.9	800,986.99	456,787.07	3,239.23	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8	5,400.0		12,501.6	8,883.8	3,287.1	229.4	800,985.58	456,837.05	3,289.19	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8	5,450.0		12,501.6	8,883.8	3,337.1	228.0	800,984.17	456,887.03	3,339.15	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8	5,500.0		12,501.6	8,883.8	3,387.1	226.6	800,982.75	456,937.01	3,389.12	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8	5,550.0		12,501.6	8,883.8	3,437.1	225.2	800,981.34	456,986.99	3,439.08	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8	5,600.0		12,501.6	8,883.8	3,487.0	223.8	800,979.92	457,036.97	3,489.05	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8	5,650.0		12,501.6	8,883.8	3,537.0	222.4	800,978.51	457,086.95	3,539.01	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8	5,700.0		12,501.6	8,883.8	3,587.0	221.0	800,977.10	457,136.93	3,588.97	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8	5,750.0		12,501.6	8,883.8	3,637.0	219.6	800,975.68	457,186.91	3,638.94	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8	5,800.0		12,501.6	8,883.8	3,687.0	218.1	800,974.27	457,236.89	3,688.90	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8	5,850.0		12,501.6	8,883.8	3,736.9	216.7	800,972.86	457,286.87	3,738.87	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8	5,900.0		12,501.6	8,883.8	3,786.9	215.3	800,971.44	457,336.85	3,788.83	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8	5,950.0		12,501.6	8,883.8	3,836.9	213.9	800,970.03	457,386.83	3,838.79	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8	3,000.0		12,501.6	8,883.8	3,886.9	212.5	800,968.62	457,436.81	3,888.76	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8	3,050.0		12,501.6	8,883.8	3,936.9	211.1	800,967.20	457,486.79	3,938.72	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8	3,100.0		12,501.6	8,883.8	3,986.8	209.7	800,965.79	457,536.77	3,988.69	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8	3,150.0		12,501.6	8,883.8	4,036.8	208.2	800,964.38	457,586.75	4,038.65	0.00
90.00 358.38 12,501.6 8,883.8 90.00 358.38 12,501.6 8,883.8	3,200.0		12,501.6	8,883.8	4,086.8	206.8	800,962.96	457,636.73	4,088.61	0.00
90.00 358.38 12,501.6 8,883.8	3,250.0		12,501.6	8,883.8	4,136.8	205.4	800,961.55	457,686.71	4,138.58	0.00
00 00 358 38 12 501 6 8883 8	3,300.0		12,501.6	8,883.8	4,186.8	204.0	800,960.14	457,736.69	4,188.54	0.00
90.00	16,350.0	90.00 358.38	12,501.6	8,883.8	4,236.7	202.6	800,958.72	457,786.67	4,238.51	0.00

Company: Project: Site: Well:	Kaiser Francis Bell Lake Unit South 433H 400303 Pell 1845 Unit South 433H	433H 433H 433H 433H 533H 750H				Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method:	te Reference:	Well Bell Lake Unit South 433H WELL @ 3617.8usft (Original M WELL @ 3617.8usft (Original M Grid Minimum Curvature	Well Bell Lake Unit South 433H WELL @ 3617.8usft (Original Well Elev) WELL @ 3617.8usft (Original Well Elev) Grid Minimum Curvature	
Planned Survey										
			ý,		ģ	i i	l			ā
(tysn)	inc (c)	Azi (azimuth) (°)	(nsft)	(nsft)	N/S (nsft)	E/W (usft)	Easting (usft)	Northing (usft)	v. sec (usft)	DLeg (°/100usft)
16,400.0	00.06 0.00	0 358.38	12,501.6	8,883.8	4,286.7	201.2	800,957.31	457,836.65	4,288.47	0.00
16,450.0	0.00	0 358.38	12,501.6	8,883.8	4,336.7	199.8	800,955.89	457,886.63	4,338.43	00.00
16,500.0	0.00	0 358.38	12,501.6	8,883.8	4,386.7	198.3	800,954.48	457,936.61	4,388.40	00:00
16,550.0	00.06 0.00	0 358.38	12,501.6	8,883.8	4,436.7	196.9	800,953.07	457,986.59	4,438.36	0.00
16,600.0			12,501.6	8,883.8	4,486.6	195.5	800,951.65	458,036.57	4,488.33	00.00
16,650.0	00.06 00.00	0 358.38	12,501.6	8,883.8	4,536.6	194.1	800,950.24	458,086.55	4,538.29	00:00
16,700.0	00.00	0 358.38	12,501.6	8,883.8	4,586.6	192.7	800,948.83	458,136.53	4,588.25	0.00
16,750.0	0.00	0 358.38	12,501.6	8,883.8	4,636.6	191.3	800,947.41	458,186.51	4,638.22	0.00
16,800.0	00.00	0 358.38	12,501.6	8,883.8	4,686.6	189.9	800,946.00	458,236.49	4,688.18	0.00
16,850.0	00.06 0.00	0 358.38	12,501.6	8,883.8	4,736.5	188.5	800,944.59	458,286.47	4,738.15	00.00
16,900.0	00.06 0.00	0 358.38	12,501.6	8,883.8	4,786.5	187.0	800,943.17	458,336.45	4,788.11	00.00
16,950.0	0.00	0 358.38	12,501.6	8,883.8	4,836.5	185.6	800,941.76	458,386.43	4,838.07	00.00
17,000.0	0.00	0 358.38	12,501.6	8,883.8	4,886.5	184.2	800,940.35	458,436.41	4,888.04	0.00
17,050.0	0.00	0 358.38	12,501.6	8,883.8	4,936.5	182.8	800,938.93	458,486.39	4,938.00	00:00
17,100.0	0.00	0 358.38	12,501.6	8,883.8	4,986.4	181.4	800,937.52	458,536.37	4,987.97	00.00
17,150.0	00.06 0.00	0 358.38	12,501.6	8,883.8	5,036.4	180.0	800,936.11	458,586.35	5,037.93	0.00
17,200.0	00.00	0 358.38	12,501.6	8,883.8	5,086.4	178.6	800,934.69	458,636.33	5,087.89	0.00
17,250.0	0.00	0 358.38	12,501.6	8,883.8	5,136.4	177.1	800,933.28	458,686.31	5,137.86	0.00
17,300.0	0.00	0 358.38	12,501.6	8,883.8	5,186.4	175.7	800,931.86	458,736.29	5,187.82	0.00
17,350.0	0.00	0 358.38	12,501.6	8,883.8	5,236.3	174.3	800,930.45	458,786.27	5,237.79	00.00
17,400.0	00.00	0 358.38	12,501.6	8,883.8	5,286.3	172.9	800,929.04	458,836.25	5,287.75	0.00
17,450.0	0.00	0 358.38	12,501.6	8,883.8	5,336.3	171.5	800,927.62	458,886.23	5,337.71	0.00
17,500.0	0.00	0 358.38	12,501.6	8,883.8	5,386.3	170.1	800,926.21	458,936.21	5,387.68	0.00
17,550.0	0.00	0 358.38	12,501.6	8,883.8	5,436.3	168.7	800,924.80	458,986.19	5,437.64	0.00
17,600.0	0.00	0 358.38	12,501.6	8,883.8	5,486.2	167.2	800,923.38	459,036.17	5,487.61	0.00
17,650.0	00.06 0.00	0 358.38	12,501.6	8,883.8	5,536.2	165.8	800,921.97	459,086.15	5,537.57	0.00
17,700.0	00.00	0 358.38	12,501.6	8,883.8	5,586.2	164.4	800,920.56	459,136.13	5,587.53	0.00

MD Inc Azi (a (usft) (°) 90.00 17,750.0 90.00 17,800.0 90.00 17,900.0 90.00 17,900.0 90.00 18,100.0 90.00 18,150.0 90.00 18,250.0 90.00 18,400.0 90.00 18,500.0 90.00	Azi (azimuth) (°) 358.38				MD Reference: North Reference: Survey Calculation Method: Database:	on Method:	Minimum Curvature EDM 5000.1 Single User Db	User Db	
	358.38	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Easting (usft)	Northing (usft)	V. Sec (usft)	DLeg (°/100usff)
		12,501.6	8,883.8	5,636.2	163.0	800,919.14	459,186.11	5,637.50	00:0
	358.38	12,501.6	8,883.8	5,686.2	161.6	800,917.73	459,236.09	5,687.46	00.00
	358.38	12,501.6	8,883.8	5,736.1	160.2	800,916.32	459,286.07	5,737.43	0.00
	358.38	12,501.6	8,883.8	5,786.1	158.8	800,914.90	459,336.05	5,787.39	0.00
	358.38	12,501.6	8,883.8	5,836.1	157.4	800,913.49	459,386.03	5,837.35	0.00
	358.38	12,501.6	8,883.8	5,886.1	155.9	800,912.08	459,436.01	5,887.32	0.00
	358.38	12,501.6	8,883.8	5,936.1	154.5	800,910.66	459,485.99	5,937.28	0.00
	358.38	12,501.6	8,883.8	5,986.0	153.1	800,909.25	459,535.97	5,987.25	0.00
	358.38	12,501.6	8,883.8	6,036.0	151.7	800,907.83	459,585.95	6,037.21	0.00
	358.38	12,501.6	8,883.8	6,086.0	150.3	800,906.42	459,635.93	6,087.17	0.00
	358.38	12,501.6	8,883.8	6,136.0	148.9	800,905.01	459,685.91	6,137.14	0.00
	358.38	12,501.6	8,883.8	6,186.0	147.5	800,903.59	459,735.89	6,187.10	0.00
	358.38	12,501.6	8,883.8	6,235.9	146.0	800,902.18	459,785.87	6,237.07	0.00
	358.38	12,501.6	8,883.8	6,285.9	144.6	800,900.77	459,835.85	6,287.03	0.00
	358.38	12,501.6	8,883.8	6,335.9	143.2	800,899.35	459,885.83	6,336.99	0.00
	358.38	12,501.6	8,883.8	6,385.9	141.8	800,897.94	459,935.81	6,386.96	0.00
	358.38	12,501.6	8,883.8	6,435.9	140.4	800,896.53	459,985.79	6,436.92	0.00
	358.38	12,501.6	8,883.8	6,485.8	139.0	800,895.11	460,035.77	6,486.89	0.00
	358.38	12,501.6	8,883.8	6,535.8	137.6	800,893.70	460,085.75	6,536.85	0.00
	358.38	12,501.6	8,883.8	6,585.8	136.2	800,892.29	460,135.73	6,586.81	0.00
	358.38	12,501.6	8,883.8	6,635.8	134.7	800,890.87	460,185.71	6,636.78	0.00
	358.38	12,501.6	8,883.8	6,685.8	133.3	800,889.46	460,235.69	6,686.74	0.00
	358.38	12,501.6	8,883.8	6,735.7	131.9	800,888.05	460,285.67	6,736.71	0.00
	358.38	12,501.6	8,883.8	6,785.7	130.5	800,886.63	460,335.65	6,786.67	0.00
	358.38	12,501.6	8,883.8	6,835.7	129.1	800,885.22	460,385.63	6,836.63	0.00
19,000.0	358.38	12,501.6	8,883.8	6,885.7	127.7	800,883.80	460,435.61	6,886.60	0.00
19,050.0	358.38	12,501.6	8,883.8	6,935.7	126.3	800,882.39	460,485.59	6,936.56	0.00

(3) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	190303 Bell Lake Onit South 433H				MD Reference: North Reference: Survey Calculation Method: Database:	on Method:	Grid Minimum Curvature EDM 5000.1 Single User Db	Land Curvature	
lnc (°) 90.00 9,150.0 90.00 9,250.0 90.00 9,250.0 90.00 9,350.0 90.00 9,450.0 90.00 9,550.0 90.00 9,550.0 90.00 9,550.0 90.00									
9,100.0 9,150.0 9,250.0 9,250.0 9,350.0 9,400.0 9,500.0 9,500.0 9,650.0 9,700.0	Azi (azimuth) (°)	TVD (nsft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Easting (usft)	Northing (usft)	V. Sec (usft)	DLeg (°/100usft)
	358.38	12,501.6	8,883.8	6,985.6	124.8	800,880.98	460,535.57	6,986.53	0.00
	358.38	12,501.6	8,883.8	7,035.6	123.4	800,879.56	460,585.55	7,036.49	0.00
	358.38	12,501.6	8,883.8	7,085.6	122.0	800,878.15	460,635.53	7,086.45	0.00
	358.38	12,501.6	8,883.8	7,135.6	120.6	800,876.74	460,685.51	7,136.42	0.00
	358.38	12,501.6	8,883.8	7,185.6	119.2	800,875.32	460,735.49	7,186.38	0.00
	358.38	12,501.6	8,883.8	7,235.5	117.8	800,873.91	460,785.47	7,236.35	0.00
	358.38	12,501.6	8,883.8	7,285.5	116.4	800,872.50	460,835.45	7,286.31	0.00
	358.38	12,501.6	8,883.8	7,335.5	114.9	800,871.08	460,885.43	7,336.27	0.00
	358.38	12,501.6	8,883.8	7,385.5	113.5	800,869.67	460,935.41	7,386.24	0.00
	358.38	12,501.6	8,883.8	7,435.5	112.1	800,868.26	460,985.39	7,436.20	0.00
	358.38	12,501.6	8,883.8	7,485.4	110.7	800,866.84	461,035.37	7,486.17	0.00
	358.38	12,501.6	8,883.8	7,535.4	109.3	800,865.43	461,085.35	7,536.13	0.00
	358.38	12,501.6	8,883.8	7,585.4	107.9	800,864.02	461,135.33	7,586.09	0.00
	358.38	12,501.6	8,883.8	7,635.4	106.5	800,862.60	461,185.31	7,636.06	0.00
19,800.0 90.00	358.38	12,501.6	8,883.8	7,685.4	105.1	800,861.19	461,235.29	7,686.02	0.00
19,850.0 90.00	358.38	12,501.6	8,883.8	7,735.3	103.6	800,859.77	461,285.27	7,735.99	0.00
19,900.0 90.00	358.38	12,501.6	8,883.8	7,785.3	102.2	800,858.36	461,335.25	7,785.95	0.00
19,950.0	358.38	12,501.6	8,883.8	7,835.3	100.8	800,856.95	461,385.23	7,835.91	0.00
20,000.0 90.00	358.38	12,501.6	8,883.8	7,885.3	99.4	800,855.53	461,435.21	7,885.88	0.00
20,050.0 90.00	358.38	12,501.6	8,883.8	7,935.3	0.86	800,854.12	461,485.19	7,935.84	0.00
20,100.0 90.00	358.38	12,501.6	8,883.8	7,985.2	9.96	800,852.71	461,535.17	7,985.81	0.00
20,150.0 90.00	358.38	12,501.6	8,883.8	8,035.2	95.2	800,851.29	461,585.15	8,035.77	0.00
20,200.0 90.00	358.38	12,501.6	8,883.8	8,085.2	93.7	800,849.88	461,635.13	8,085.73	0.00
20,250.0 90.00	358.38	12,501.6	8,883.8	8,135.2	92.3	800,848.47	461,685.11	8,135.70	0.00
20,300.0 90.00	358.38	12,501.6	8,883.8	8,185.2	6.06	800,847.05	461,735.09	8,185.66	0.00
20,350.0 90.00	358.38	12,501.6	8,883.8	8,235.1	89.5	800,845.64	461,785.07	8,235.63	0.00
20,400.0 90.00	358.38	12,501.6	8,883.8	8,285.1	88.1	800,844.23	461,835.05	8,285.59	0.00

Well Bell Lake Unit South 433H	WELL @ 3617.8usft (Original Well Elev)	WELL @ 3617.8usft (Original Well Elev)	Grid	Minimum Curvature	EDM 5000.1 Single User Db
Local Co-ordinate Reference:	TVD Reference:	MD Reference:	North Reference:	Survey Calculation Method:	Database:
aiser Francis	Bell Lake Unit South 433H	Bell Lake Unit South 433H	Bell Lake Unit South 433H	Bell Lake Unit South 433H	190303 Bell Lake Unit South 433H
×	ш				

Planned Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Easting (usft)	Northing (usft)	V. Sec (usft)	DLeg (°/100usft)
20,450.0	90.00	358.38	12,501.6	8,883.8	8,335.1	86.7	800,842.81	461,885.03		0.00
20,500.0	90.00	358.38	12,501.6	8,883.8	8,385.1	85.3	800,841.40	461,935.01		0.00
20,550.0	90.00	358.38	12,501.6	8,883.8	8,435.1	83.9	800,839.99	461,984.99		0.00
20,600.0	90.00	358.38	12,501.6	8,883.8	8,485.0	82.4	800,838.57	462,034.97	8,485.45	0.00
20,608.0	90.00	358.38	12,501.6	8,883.8	8,493.0	82.2	800,838.35	462,042.97		0.00
TD at 20608.0 -	TD at 20608.0 - 5 1/2" Production Casing	n Casing								

	Hole Diameter (")	26	17-1/2	12-1/4	8-3/4
	Casing Diameter (")	20	13-3/8	8/9-6	5-1/2
	Vertical Depth (usft) Name	120.0 20" Conductor	1,447.0 13 3/8" Surface Casing	5,247.0 95/8" Intermediate Casing	12,501.6 5 1/2" Production Casing
Casing Points	Measured Depth (usft)	120.0	1,447.0	5,247.0	20,608.0

COMPASS 5000.1 Build 56

Morcor Engineering Morcor Standard Plan

Well Bell Lake Unit South 433H
WELL @ 3617.8usft (Original Well Elev)
WELL @ 3617.8usft (Original Well Elev)
Grid
Minimum Curvature
EDM 5000.1 Single User Db Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method: Bell Lake Unit South 433H Bell Lake Unit South 433H Bell Lake Unit South 433H Kaiser Francis Bell Lake Unit South 433H Company:
Project:
Site:
Well:
Wellbore:
Design:

Design:	190303 Bell Lake	190303 Bell Lake Unit South 433H		Database:	EDM 5000.1 Single User Db
Formations					
	Measured	Vertical			
	(nsft)	(usft) Name	Lithology	Dip Direction (°) (°)	
	6,272.0	6,272.0 Cherry Canyon		0.00	
	1,422.0	1,422.0 Rustler		0.00	
	5,422.0	5,422.0 Bell Canyon		0.00	
	7,747.0	7,747.0 Brushy Canyon		0.00	
	5,022.0	5,022.0 Base of Salt		0.00	
	10,668.4	10,657.0 2nd Bone Spring Sand		0.00	
	8,888.6	8,887.0 Bone Spring		0.00	
	5,222.0	5,222.0 Lamar Lime		0.00	
	11,186.2	11,172.0 3rd Bone Spring Lime		0.00	
	9,081.7	9,079.0 Avalon		0.00	
	11,668.9	11,652.0 3rd Bone Spring Sand		0.00	
	1,847.0	1,847.0 Salado		0.00	
	10,130.4	10,122.0 1st Bone Spring Sand		0.00	
	2,022.0	2,022.0 Top of Salt		0.00	
	11,974.3	11,957.0 Wolfcamp		0.00	

			Start Build 3.00	Start 3030.0 hold at 8656.0 MD	Start Drop -3.00	Start 60.0 hold at 11886.0 MD	Start Build 10.00	Start 124.0 hold at 12846.0 MD	Start Tum -1.62	Start 7538.0 hold at 13070.0 MD	
	Local Coordinates	W-/3+ S-/N+	0.0		156.1 287.5	161.1 296.7	161.1 296.7	734.1 296.7	858.1 296.7	958.1 295.3	8,493.0 82.2
	Vertical	Depth (IIsff)	8.456.0	8,655.6	11,669.0	11,868.7	11,928.7	12,501.6	12,501.6	12,501.6	12,501.6
Plan Annotations	Measured	Depth (11sft)	8.456.0	8,656.0	11,686.0	11,886.0	11,946.0	12,846.0	12,970.0	13,070.0	20,608.0

COMPASS 5000.1 Build 56

Morcor Engineering

Morcor Standard Plan

Well Bell Lake Unit South 433H WELL @ 3617.8usft (Original Well Elev) WELL @ 3617.8usft (Original Well Elev) Grid Minimum Curvature EDM 5000.1 Single User Db Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method: Database: 190303 Bell Lake Unit South 433H Kaiser Francis Wellbore: Design: Company: Project: Site: Well:

Date:

Approved By:

Checked By:

Project: Bell Lake Unit South 433H Site: Bell Lake Unit South 433H Well: Bell Lake Unit South 433H Wellbore: Bell Lake Unit South 433H Design: 190303 Bell Lake Unit South 433H





Azimuths to Grid North True North: -0.45° Magnetic North: 6.14°

Magnetic Field Strength: 47863.3snT Dip Angle: 60.02° Date: 3/3/2019 Model: IGRF2010

1500

	(CASING DETAILS				FORMATION TOP DETA	LS	
TVD 120. 144: 524: 1250	0 120.0 7.0 1447.0 7.0 5247.0	Name 20" Conductor 13 3/8" Surface Casing 9 5/8" Intermediate Casing 5 1/2" Production Casing	Size 20 13-3/8 9-5/8 5-1/2	TVDPath 1422.0 1847.0 2022.0 5022.0 5222.0 5222.0 6272.0 7747.0 8887.0 9079.0 10122.0 10657.0 11652.0	MDPath 1422.0 1847.0 2022.0 5022.0 5022.0 5422.0 6272.0 7747.0 8888.6 9081.7 10130.4 10668.4 11186.2 11668.9	Formation Rustler Salado Top of Salt Base of Salt Lamar Lime Bell Canyon Cherry Canyon Brushy Canyon Bone Spring Avalon 1st Bone Spring Sand 2nd Bone Spring Lime 3rd Bone Spring Sand	DipAngle 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	DipDir

