NOV 14 2018 AM10:50

SWD-1853

Revised March 23, 2017

RECEIVED: 11/14/18	REVIEWER:	TYPE: SWD	APP NO: PLEL 1832551660

ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Geological & Engineering Bureau –
1220 South St. Francis Drive, Santa Fe, NM 87505

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: 3Bear Field Service **OGRID Number: 372603**
Well Name: Kodiak SWD No. 1 **API:**
Pool: SWD: Silurian-Devonian **Pool Code: 97869**

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

1) **TYPE OF APPLICATION:** Check those which apply for [A]
A. Location – Spacing Unit – Simultaneous Dedication
☐ NSL ☐ NSP (PROJECT AREA) ☐ NSP (PRORATION UNIT) ☐ SD

B. Check one only for [I] or [II]
[I] Commingling – Storage – Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
[II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery
☐ WFX ☐ PMX ■ SWD ☐ IPI ☐ EOR ☐ PPR

FOR OCD ONLY
☐ Notice Complete
☐ Application Content Complete

2) **NOTIFICATION REQUIRED TO:** Check those which apply.
A. ■ Offset operators or lease holders
B. ☐ Royalty, overriding royalty owners, revenue owners
C. ■ Application requires published notice
D. ☐ Notification and/or concurrent approval by SLO
E. ☐ Notification and/or concurrent approval by BLM
F. ■ Surface owner
G. ■ For all of the above, proof of notification or publication is attached, and/or,
H. ☐ No notice required

3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Tyler Moehlman – Agent of 3Bear Field Service
Print or Type Name

Signature

November 12, 2018
Date

(713) 987-4144
Phone Number

Tyler.moehlman@lonquist.com
e-mail Address

3BEAR FIELD SERVICE [372603] SW-1853

WELL: Kodiak SWD No. 1

"M" SEC 8 19S 33E LEA COUNTY 11/14

Surface Owner: Smith Kenneth, INC.

Newspapor Affidavit: Pub. 11/08/18 Hobbs Sun News

NO Affidavit for mailed notices !

e-mail sent. 11.26.18

Lowe, Leonard, EMNRD

From: Lowe, Leonard, EMNRD
Sent: Monday, November 26, 2018 1:46 PM
To: 'Tyler.moehlman@lonquist.com'
Subject: SWD Application: 3 Bear Field Serivce, KODIAK SWD NO. 1

Importance: High

Tyler Moehlman,

Good afternoon.

Upon initial review of your submitted SWD application for the above Subject well.

You have not provided a proof of affidavit for all your affected parties identified within your application. All your "green cards" are not signed and dated for.

Also, please provide your produce water sample data.

Your application is NOT COMPLETE at this time.

Please provide.

Leonard Lowe
Engineering Bureau
Oil **C**onservation **D**ivision
Energy **M**inerals and **N**atural **R**esources **D**epartment
1220 South St. Frances
Santa Fe, New Mexico 87004
Office: 505-476-3492
Cell: 505-930-6717
Fax: 505-476-3462
E-mail: leonard.lowe@state.nm.us
Website: http://www.emnrd.state.nm.us/ocd/

LONQUIST & CO. LLC

PETROLEUM ENGINEERS | ENERGY ADVISORS

AUSTIN · HOUSTON · WICHITA · DENVER · CALGARY

November 12, 2018

New Mexico Energy, Minerals, and Natural Resources Department
Oil Conservation Division District IV
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
(505) 476-3440

RE: KODIAK SWD NO. 1 AUTHORIZATION TO INJECT

To Whom It May Concern:

Attached for your review is Form C-108, Application for Authorization to Inject, and its supplemental documents prepared for 3Bear Field Service, LLC's (3Bear") Kodiak SWD No. 1. In addition, Forms C-101 and C-102 have also been included with this package. Notices have been sent to offset, operators, leaseholders and the surface owner. Proof of notice will be sent to the OCD upon receipt.

Any questions should be directed towards 3Bear Field Service, LLC's agent Lonquist & Co., LLC.

Regards,

Tyler Moehlman
Petroleum Engineer
Lonquist & Co., LLC

(713) 987-4144
tyler.moehlman@lonquist.com

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: _____Secondary Recovery _____Pressure Maintenance ___X___Disposal _____Storage
Application qualifies for administrative approval? ___X___Yes _____No

II. OPERATOR: 3Bear Field Services, LLC

ADDRESS: 415 W. Wall St., Suite 1212

CONTACT PARTY: Kevin Burns PHONE: 432-686-2973

III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? _____Yes ___X___No
If yes, give the Division order number authorizing the project: _____

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).

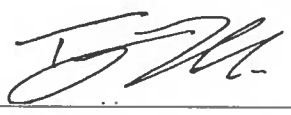
*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: Tyler F. Moehlman TITLE: Consulting Engineer – Agent for 3Bear Field Service

SIGNATURE:  DATE: 11/12/2018

E-MAIL ADDRESS: tyler.moehlman@lonquist.com

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: _____

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

Side 2

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

(1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.

(2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.

(3) A description of the tubing to be used including its size, lining material, and setting depth.

(4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

(1) The name of the injection formation and, if applicable, the field or pool name.

(2) The injection interval and whether it is perforated or open-hole.

(3) State if the well was drilled for injection or, if not, the original purpose of the well.

(4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.

(5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

(1) The name, address, phone number, and contact party for the applicant;

(2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;

(3) The formation name and depth with expected maximum injection rates and pressures; and,

(4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

Side 1

INJECTION WELL DATA SHEET

OPERATOR: 3Bear Field Services, LLC

WELL NAME & NUMBER: Kodiak SWD No. 1

WELL LOCATION:	736 FSL & 771' FWL	M	8	19S	33E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Conductor Casing

Hole Size: 26.000"
Casing Size: 20.00"
Cemented with: 328 sacks
or 361 ft³
Top of Cement: surface
Method Determined: circulation

Surface Casing

Hole Size: 17.500"
Casing Size: 13.375"
Cemented with: 1,374 sacks.
or 1,752 ft³
Top of Cement: surface
Method Determined: circulation

Production Casing

Hole Size: 12.250"
Casing Size: 9.625"
Cemented with: 2,079 sacks
or 4,548 ft³
Top of Cement: surface
Method Determined: circulation

Liner

Hole Size: 8.500"
Casing Size: 7.625"
Cemented with: 703 sacks.
or 850 ft³
Top of Cement: 7,440'
Method Determined: calculation
Total Depth: 14,751'

Injection Interval

14,751 feet to 16,500 feet

(Open Hole)

Side 2

INJECTION WELL DATA SHEET

Tubing Size: 5.5", 17 lb/ft, HCL-80, BTC from 0' – 14,650'

Lining Material: Duoline

Type of Packer: 7-5/8" X 5-1/2" Permanent Packer with High Temperature Elastomer and Full Inconel 925 Trim

Packer Setting Depth: 14,650'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? ___X___Yes _____No

   If no, for what purpose was the well originally drilled?

   _____

2. Name of the Injection Formation: Devonian, Fusselman, Montoya (Top 100')

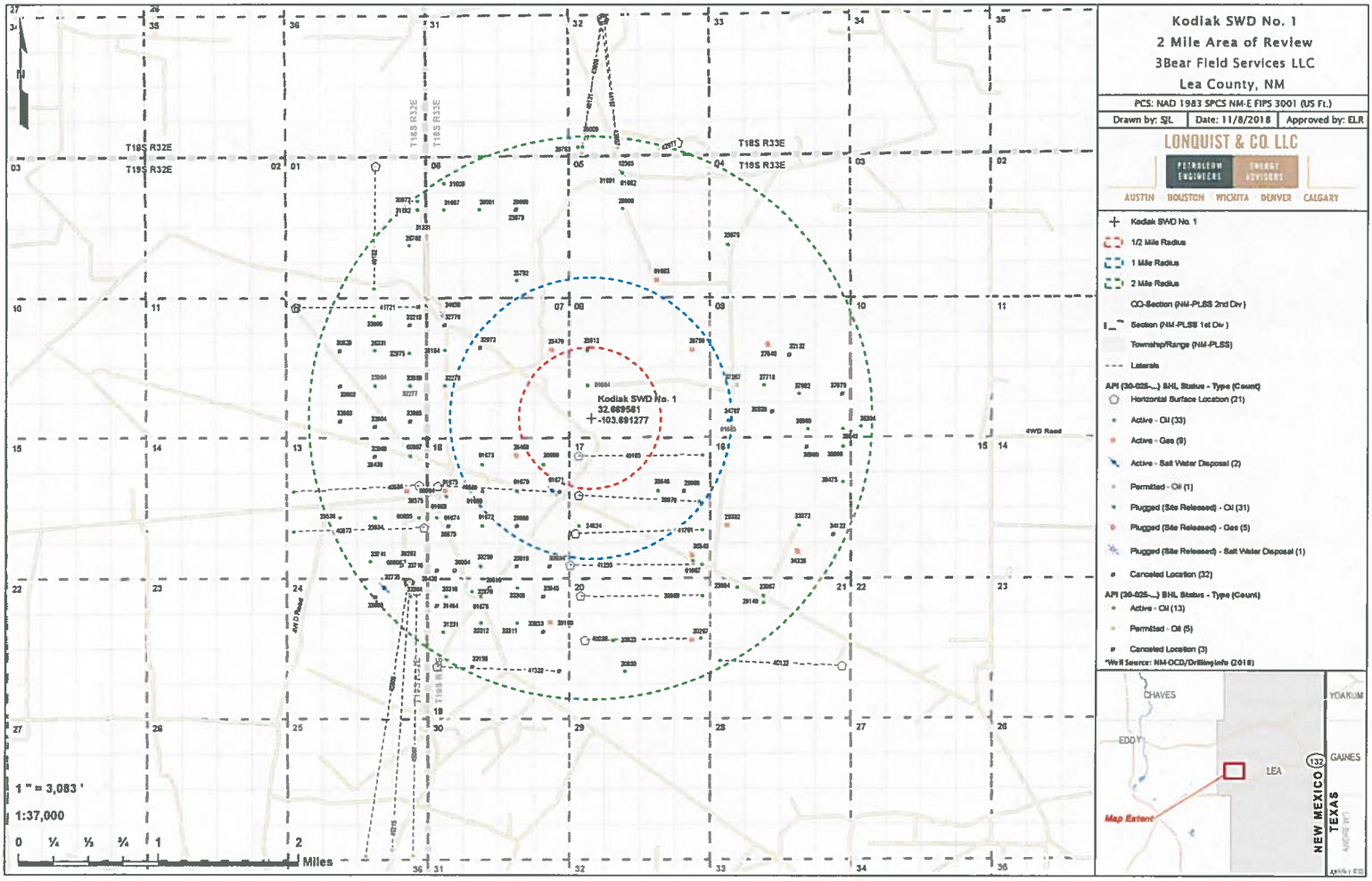
3. Name of Field or Pool (if applicable): SWD: Silurian-Devonian Disposals (Pool Code: 97869)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

   No, new drill.

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

   Yates-Seven Rivers: 3,487'
   Delaware: 5,714'
   Bone Spring: 7,723'
   Wolfcamp: 10,771'
   Strawn: 12,093'
   Atoka: 12,470'


Kodiak SWD No. 1
2 Mile Area of Review
3Bear Field Services LLC
Lea County, NM
PCS: NAD 1983 SPCS NM-E FIPS 3001 (US Ft.)
Drawn by: SJL
Date: 11/8/2018
Approved by: ELR
LONQUIST & CO. LLC
PETROLEUM ENGINEERS
ENERGY ADVISORS
AUSTIN HOUSTON WICHITA DENVER CALGARY
Kodiak SWD No. 1
1/2 Mile Radius
1 Mile Radius
2 Mile Radius
QQ-Section (NM-PLSS 2nd Div)
Section (NM-PLSS 1st Div)
Township/Range (NM-PLSS)
Laterals
API (30-025-...) BHL Status - Type (Count)
Horizontal Surface Location (21)
Active - Oil (33)
Active - Gas (9)
Active - Salt Water Disposal (2)
Permitted - Oil (1)
Plugged (Site Released) - Oil (31)
Plugged (Site Released) - Gas (5)
Plugged (Site Released) - Salt Water Disposal (1)
Canceled Location (32)
API (30-025-...) BHL Status - Type (Count)
Active - Oil (13)
Permitted - Oil (5)
Canceled Location (3)
*Well Source: NM-OCD/DrillingInfo (2018)
T18S R32E
T19S R32E
T18S R33E
T19S R33E
Kodiak SWD No. 1
32.669561
-103.691277
4WD Road
1 " = 3,083 '
1:37,000
0 ¼ ½ ¾ 1 2 Miles
CHAVES
EDDY
LEA
YOAKUM
GAINES
132
Map Extent
NEW MEXICO
TEXAS

Kodiak SWD No. 1
1 Mile Area of Review List

API (30-025-...)	WELL NAME	WELL TYPE	STATUS	OPERATOR	TVD (FT.)	LATITUDE (NAD83 DD)	LONGITUDE (NAD83 DD)	DATE DRILLED	FIELD
01664	PRE-ONGARD WELL #001	O	P	PRE-ONGARD WELL OPERATOR	3591	32.6729507000	-103.691658000	1/1/1900	
01665	PRE-ONGARD WELL #001	O	P	PRE-ONGARD WELL OPERATOR	3610	32.6693077000	-103.674514800	1/1/1900	
01669	FEDERAL 18 #002	O	P	MACK ENERGY CORP	3275	32.6630750000	-103.704544100	12/31/9999	[59490] TONTO, YATES-SEVEN RIVERS, WEST
01670	PRE-ONGARD WELL #003	O	P	PRE-ONGARD WELL OPERATOR	3283	32.6620712000	-103.700271600	1/1/1900	[59490] TONTO, YATES-SEVEN RIVERS, WEST
01671	FEDERAL 18 #004	S	A	COG OPERATING LLC	3450	32.6620674000	-103.695983900	5/4/1995	[59490] TONTO, YATES-SEVEN RIVERS, WEST; [96131] SWD, SEVEN RIVERS
01673	PRE-ONGARD WELL #006	O	P	PRE-ONGARD WELL OPERATOR	3330	32.6647949000	-103.704528800	1/1/1900	
20699	PRE-ONGARD WELL #008	O	P	PRE-ONGARD WELL OPERATOR	3330	32.6647911000	-103.697044400	1/1/1900	
23668	PRE-ONGARD WELL #001	O	C	PRE-ONGARD WELL OPERATOR	0	32.6584462018	-103.700310356	12/31/9999	
24624	PRE-ONGARD WELL #001	O	P	PRE-ONGARD WELL OPERATOR	3500	32.6584473000	-103.692771900	1/1/1900	
25470	INEXCO AHY FEDERAL #001	G	A	EOG Y RESOURCES, INC.	13649	32.6765785000	-103.695945700	12/31/9999	[73000] BUFFALO, PENN (GAS)
25912	PRE-ONGARD WELL #004	O	P	PRE-ONGARD WELL OPERATOR	13700	32.6765747000	-103.691650400	1/1/1900	[59475] TONTO, BONE SPRING
26469	PRE-ONGARD WELL #001	G	P	PRE-ONGARD WELL OPERATOR	13670	32.6656990000	-103.700264000	1/1/1900	[73000] BUFFALO, PENN (GAS)
26799	NELLIS C FEDERAL GAS COM #001	G	A	LEGACY RESERVES OPERATING, LP	13701	32.6765671000	-103.678779600	4/28/1980	[73000] BUFFALO, PENN (GAS)
29880	PRE-ONGARD WELL #001	O	C	PRE-ONGARD WELL OPERATOR	0	32.6620510707	-103.679911028	12/31/9999	
30546	HUDSON FEDERAL #001	O	P	YATES ENERGY CORP	13720	32.6620560000	-103.683113100	12/31/9999	[27210] GEM, WOLFCAMP, NORTH
32973	FEDERAL 7 #004	O	C	RAY WESTALL	0	32.6768552258	-103.704718888	12/31/9999	
34707	KUDU 9 FEDERAL COM #001	G	A	CHISHOLM ENERGY OPERATING, LLC	13770	32.6693077000	-103.674514800	11/3/1999	[73000] BUFFALO, PENN (GAS); [77370] GEM, MORROW (GAS)
39870	SPYGLASS 17 FEDERAL COM #001H	O	A	MEWBOURNE OIL CO	9966	32.6616364000	-103.692764300	1/1/2011	[59475] TONTO, BONE SPRING
40185	SPYGLASS 17 FEDERAL #002H	O	A	MEWBOURNE OIL CO	9973	32.6656914000	-103.692749000	8/7/2011	[59475] TONTO, BONE SPRING
40589	NORTE 18 FEDERAL #001C	O	C	MEWBOURNE OIL CO	0	32.6626854000	-103.709953300	12/31/9999	[59475] TONTO, BONE SPRING
41701	EXCALIBUR 17 LI FEDERAL COM #001H	O	A	MEWBOURNE OIL CO	9967	32.6576767000	-103.693168600	7/2/2014	[59475] TONTO, BONE SPRING

3Bear Field Services, LLC

Kodiak SWD No. 1

FORM C-108 Supplemental Information

III. Well Data

A. Wellbore Information

1.

Well information	
Lease Name	Kodiak SWD
Well No.	1
Location	S-8 T-19S R-33E
Footage Location	736' FSL & 771' FWL

2.

a. Wellbore Description

Casing Information				
Type	Conductor	Intermediate	Intermediate 2	Production Liner
OD	20"	13-3/8"	9-5/8"	7-5/8"
WT	0.876"	0.76"	0.79"	0.5"
ID	19.124"	12.615"	8.835"	6.625"
Drift ID	18.936"	12.459"	8.679"	6.5"
COD	21"	14.375"	10.625"	7.625"
Weight	94 lb/ft	54.5 lb/ft	40 lb/ft	39 lb/ft
Grade	H-40 STC	J-55 BTC	HCL-80 BTC	P-110 UFJ
Hole Size	26"	17.5"	12.25"	8.5"
Depth Set	120'	1,580'	7,740'	7,440'-14,751'

b. Cementing Program

Cement Information				
Casing String	Conductor	Intermediate 1	Intermediate 2	Liner
Lead Cement	Class H	HalCem	Stage 1: NeoCem Stage 2: NeoCem Stage 3: ExtendaCem	VERSACEM w/ gas migration control additives
Lead Cement Volume	328 sks	1,017 sks	Stage 1: 375 sks Stage 2: 782 sks Stage 3: 375 sks	703 sks
Tail Cement	-	HalCem	Stage 1: HalCem Stage 2: HalCem	Halcem
Tail Cement Volume	-	357 sks	Stage 1: 500 sks Stage 2: 47 sks	
Cement Excess	100%	100%	100%	50%
TOC	Surface	Surface	Surface	7,340'
Method	Circulate to Surface	Circulate to Surface	Circulate to Surface	Logged

3. Tubing Description

OD	5.5"
WT	0.304"
ID	4.892"
Drift ID	4.767"
Weight	17 lb/ft
Grade	HCL-80 BTC
Depth Set	0'-14,650'

Tubing will be lined with Duoline.

4. Packer Description

7-5/8" x 5-1/2" TCPC Permanent Packer with High Temp Elastomer and Full Inconel 925 trim

B. Completion Information

1. Injection Formation: Devonian, Fusselman, Montoya (Top 100')

2. Gross Injection Interval: 14,751' – 16,500'

   Completion Type: Open Hole

3. Drilled for injection.

4. See the attached wellbore schematic.

5. Oil and Gas Bearing Zones within area of well:

Formation	Depth
Yates-Seven Rivers	3,487'
Delaware	5,714'
Bone Spring	7,723'
Wolfcamp	10,771'
Strawn	12,093'
Atoka	12,470'

VI. Area of Review

No wells within the area of review penetrate the proposed injection zone.

VII. Proposed Operation Data

1. Proposed Daily Rate of Fluids to be Injection:

   Average Volume: 20,000 BPD
   Maximum Volume: 25,000 BPD

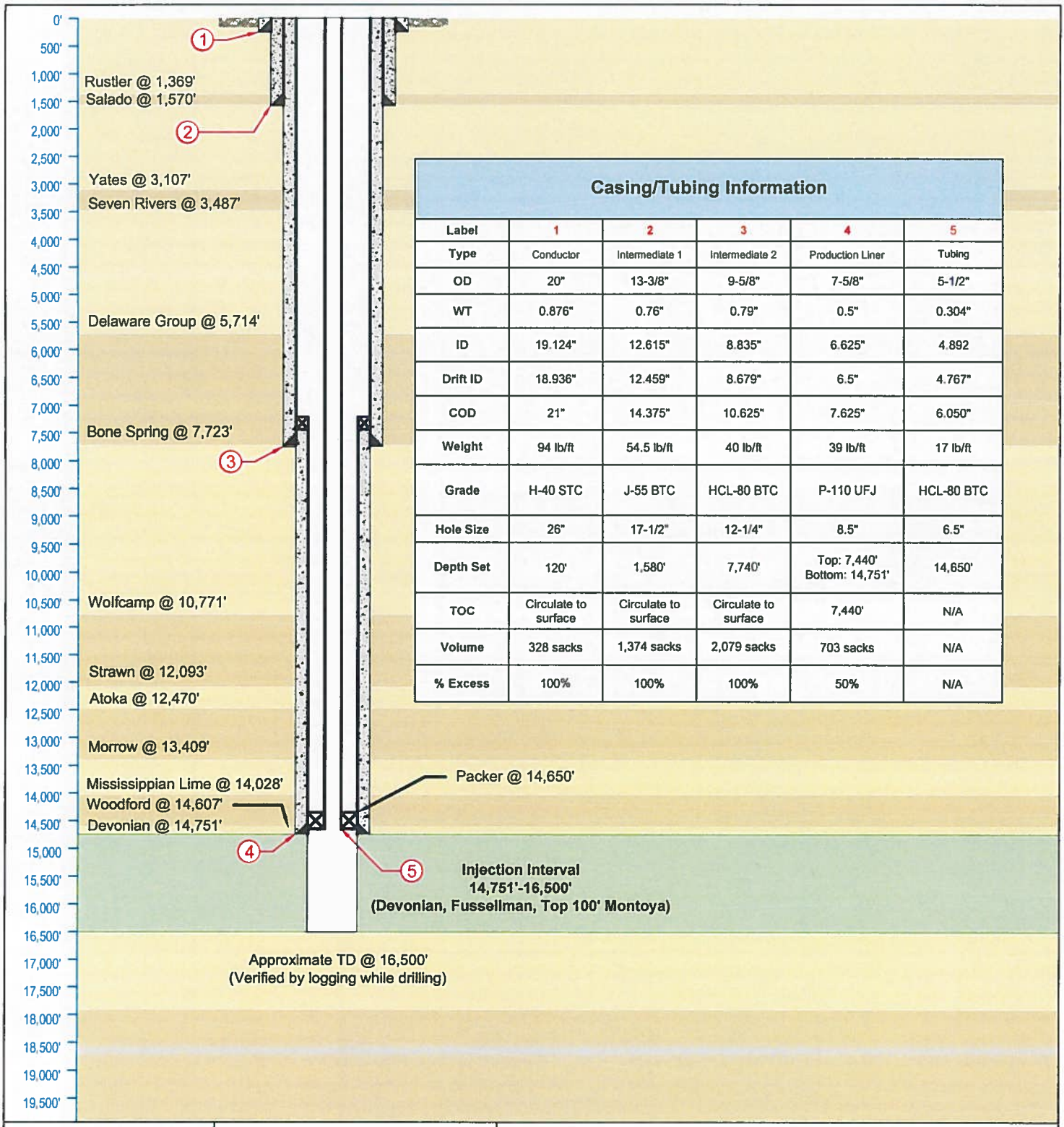
2. Closed System

3. Anticipated Injection Pressure:

   Average Injection Pressure: 2,213 PSI (surface pressure)
   Maximum Injection Pressure: 2,950 PSI (surface pressure)

4. The injection fluid is to be locally produced water. It is expected that the source water will predominantly be from the Bone Spring and Wolfcamp formations. Attached are produced water sample analyses taken from the closest wells that feature samples from the Delaware, Bone Spring, Wolfcamp, and Strawn formations.

5. The disposal interval is non-productive. No water samples are available from the surrounding area.



Casing/Tubing Information

Label	1	2	3	4	5
Type	Conductor	Intermediate 1	Intermediate 2	Production Liner	Tubing
OD	20"	13-3/8"	9-5/8"	7-5/8"	5-1/2"
WT	0.876"	0.76"	0.79"	0.5"	0.304"
ID	19.124"	12.615"	8.835"	6.625"	4.892
Drift ID	18.936"	12.459"	8.679"	6.5"	4.767"
COD	21"	14.375"	10.625"	7.625"	6.050"
Weight	94 lb/ft	54.5 lb/ft	40 lb/ft	39 lb/ft	17 lb/ft
Grade	H-40 STC	J-55 BTC	HCL-80 BTC	P-110 UFJ	HCL-80 BTC
Hole Size	26"	17-1/2"	12-1/4"	8.5"	6.5"
Depth Set	120'	1,580'	7,740'	Top: 7,440' Bottom: 14,751'	14,650'
TOC	Circulate to surface	Circulate to surface	Circulate to surface	7,440'	N/A
Volume	328 sacks	1,374 sacks	2,079 sacks	703 sacks	N/A
% Excess	100%	100%	100%	50%	N/A

LONQUIST & CO. LLC
PETROLEUM ENGINEERS | ENERGY ADVISORS
HOUSTON | CALGARY
AUSTIN | WICHITA | DENVER

Texas License F-9147

12912 Hill Country Blvd. Ste F-200
Austin, Texas 78738
Tel: 512.732.9812
Fax: 512.732.9816

3Bear Field Services, LLC	Kodiak SWD No. 1	
Country: USA	**State/Province:** New Mexico	**County/Parish:** Lea
Location:	**Site:** 736' FSL 771' FWL	**Survey:** S8-T19S-R33E
API No: NA	**Field:**	**Well Type/Status:** SWD
NMOCD District No: 1	**Project No:** 1773	**Date:** 11/05/2018
Drawn: TFM	**Reviewed:**	**Approved:**
Rev No: 1	**Notes:**	

VIII. Geological Data

Devonian Formation Lithology:

The Devonian formation is a dolomitic ramp carbonate that occurs below the Woodford shale and above the Fusselman formation. Strata found in the Devonian formation include two major groups, the Wristen Buildups and the Thirtyone Deepwater Chert, with the Wristen being more abundant. The Wristen Groups is composed of mixed limestone and dolomites with mudstone to grainstone and boundstone textures. Porosity in the Wristen group is a result of both primary and secondary development. Present are moldic, vugular, karstic (including collapse breccia) features that allow for higher porosities and permeabilities. The Thirtyone Formation contains two end-member reservoir facies, skeletal packstones/grainstones and spiculitic chert, with most of the porosity and permeability found in the coarsely crystalline cherty dolomite. These particular characteristics allow for this formation to be a tremendous Salt Water Disposal horizon.

Fusselman Formation Lithology:

The Silurian/Ordovician Fusselman Formation is stratigraphically below the Wristen Group and is above and separated from the Montoya Formation by the Sylvan Shale. The Sylvan Shale is the lower confining layer for the proposed Kodiak SWD No. 1 well. Fusselman facies include a laminated skeletal wackestone in the upper part and a buildup complex in the lower part composed of ooid and bryozoan grainstones. These grainstones can also be potentially prolific zones for disposal.

Montoya Formation Lithology:

The Montoya Group of Late Ordovician age unconformably overlies the Simpson Group. The Montoya is composed of light gray to medium-dark gray, fine- to medium-crystalline, calcareous dolomite, some units of which are interbedded with shale or dark-gray limestone and some units of which contain white to very light-gray chert. The Montoya carbonate limestone dolomite sequence is dense, impermeable, and non-porous.

A. Injection Zone: Siluro-Devonian Formation

Formation	Depth
Rustler	1,369'
Salado	1,570
Yates	3,107'
Seven Rivers	3,487'
Delaware	5,714'
Bone Spring	7,723'
Wolfcamp	10,771'
Strawn	12,093'
Atoka	12,470'
Morrow	13,409'
Mississippian Lime	14,028'
Woodford	14,607'
Devonian	14,751'

B. Underground Sources of Drinking Water

Within 1-mile of the proposed Kodiak SWD No. 1 location, there is one water well. The water well has been reported of having a depth of 110 ft. Water wells in the surrounding area have an average depth of 265 ft and an average water depth of 182 ft.

IX. Proposed Stimulation Program

No stimulation program planned.

X. Logging and Test Data on the Well

There are no logs or test data on the well. During the process of drilling and completion resistivity, gamma ray, and density logs will be run.

XI. Chemical Analysis of Fresh Water Wells

Attached is a map of all water wells that exist within one mile of the well location. One water well lies within a 1-mile radius of the Kodiak SWD No. 1. A Water Right Summary from the New Mexico Office of the State Engineer is attached for water well CP-00810-POD1. Water samples for the CP-00810-POD1 were attempted to be retrieved but the sample test was a dry run.

AFFIRMATIVE STATEMENT OF EXAMINATION OF GEOLOGIC AND ENGINEERING DATA

Based on the available engineering and geologic data, we find no evidence of open faults or any other hydrologic connection between the disposal zone (in the proposed **Kodiak SWD No. 1**) and any underground sources of drinking water.

NAME: Jerry D. Ferguson TITLE: Geologist

SIGNATURE: J D Ferguson DATE: 10/23/2018

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised July 18, 2013

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address	2. OGRID Number
3BEAR FIELD SERVICES, LLC 415 W. WALL ST., STE 1212 MIDLAND, TEXAS 79701	372603
	3. API Number 30-015-TBD

4. Property Code	5. Property Name	6. Well No.
	KODIAK	1

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
M	8	19S	33E		736	S	771	W	LEA

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
	-	-	-		-	-	-	-	-

9. Pool Information

Pool Name	Pool Code
SWD; Silurian-Devonian	97869

Additional Well Information

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation
N	SWD	R	Private	3,655.32
16. Multiple	**17. Proposed Depth**	**18. Formation**	**19. Contractor**	**20. Spud Date**
N	16,500'	Devonian, Fusselman, Montoya	TBD	ASAP

Depth to Ground water	Distance from nearest fresh water well	Distance to nearest surface water
110'	154'	> 1 mile

☒ **We will be using a closed-loop system in lieu of lined pits**

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Conductor	26"	20"	94 lb/ft	120'	328	Surface
Surface	17-1/2"	13-3/8"	54.5 lb/ft	1,580'	1,374	Surface
Production	12-1/4"	9-5/8"	40 lb/ft	7,740'	2,079	Sufrace
Liner	8-1/2"	7-5/8"	39 lb/ft	7,440'-14,751'	703	7,440'
Tubing	6-1/2"	5.5"	17 lb/ft	14,650'		

Casing/Cement Program: Additional Comments

See attached schematic.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Hydrualic/Blinds, Pipe	10,000 psi	8,000 psi	TBD – Schaffer/Cameron

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. **I further certify that I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☒, if applicable.** Signature:	OIL CONSERVATION DIVISION
	Approved By:
Printed name: Tyler Moehlman	Title:
Title: Consulting Engineer	Approved Date: / Expiration Date:
E-mail Address: tyler.moehlman@lonquist.com	
Date: November 12, 2018 / Phone: 713-987-4144	Conditions of Approval Attached

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazon Road, Artec, NM 87410
District IV
1220 S. St Francis Dr., NM 87505
Phone: (505) 476-3460 Fax (505) 476-3462

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
	97869	SWD; Silurian-Devonian

[4] Property Code	[5] Property Name	[6] Well Number
	KODIAK SWD	#1

[7] OGRID No.	[8] Operator Name	[9] Elevation
372603	3BEAR FIELD SERVICES, LLC	3655.32'

[10] Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	8	19 S	33 E		736	SOUTH	771	WEST	LEA

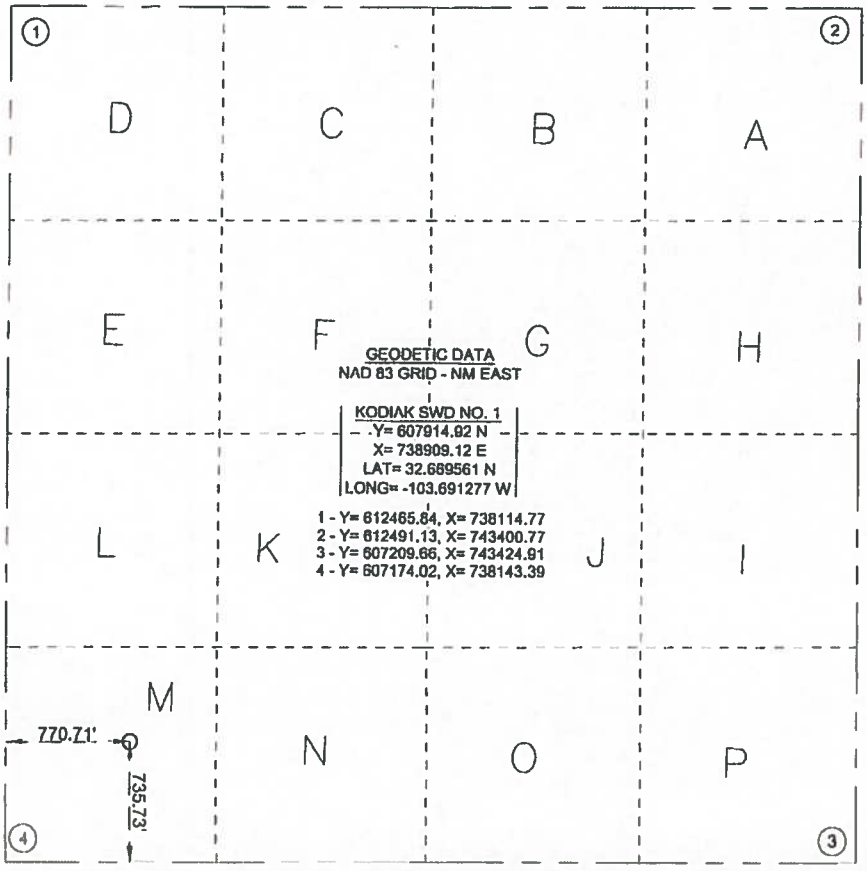
[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

[16]



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

11/12/2018

Signature — Date

Tyler Moehlman — 11/12/2018

Printed Name — Date

tyler.moehlman@lonquist.com — 11/12/2018

Email Address — Date

[18] SURVEYOR CERTIFICATION

I hereby certify that the well location shown on thi plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

12 Nov 2018

Date of Survey — Date

Signature and Seal of Professional Surveyor:

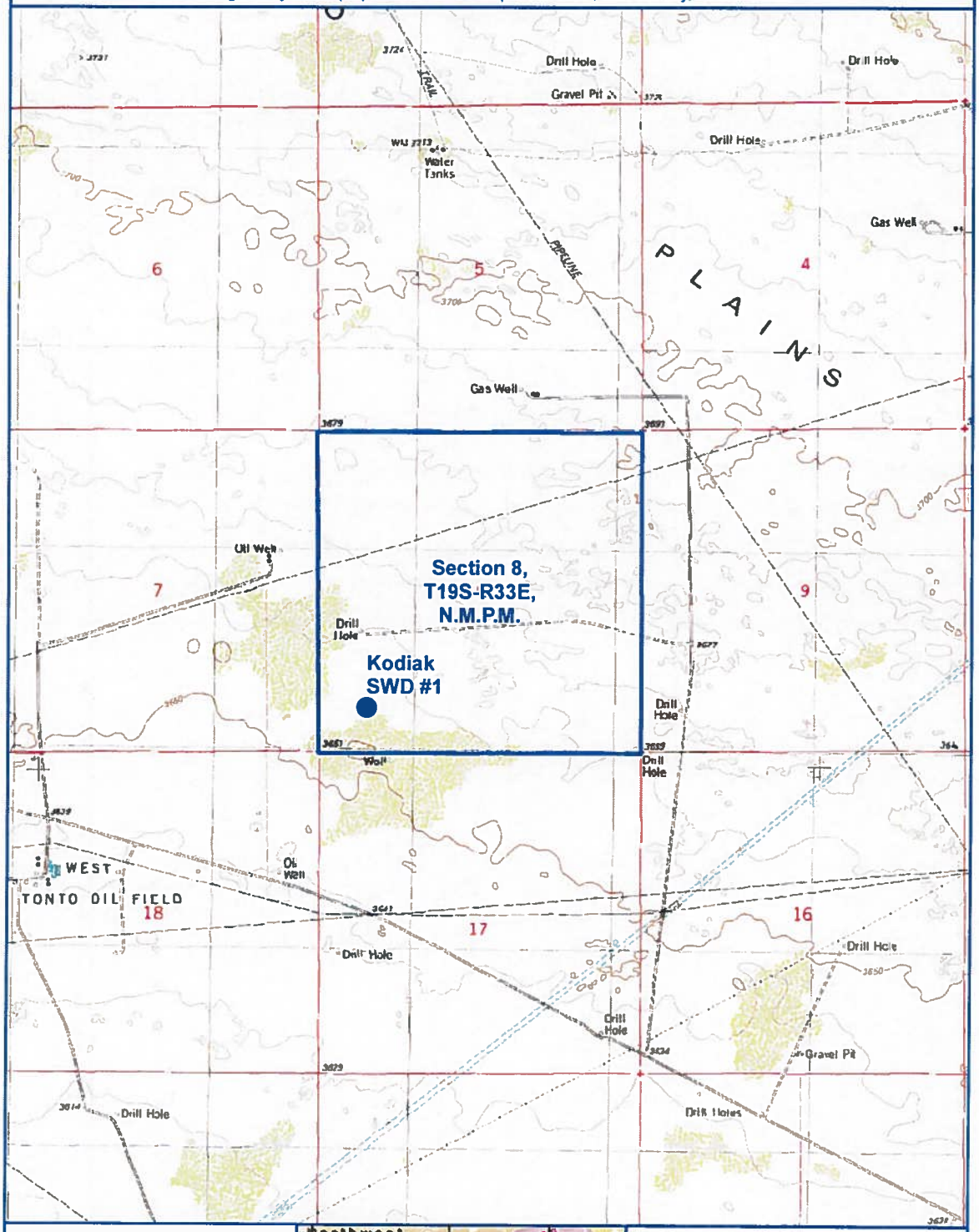
JEFFREY E. HUDSON
NEW MEXICO
20559
PROFESSIONAL SURVEYOR

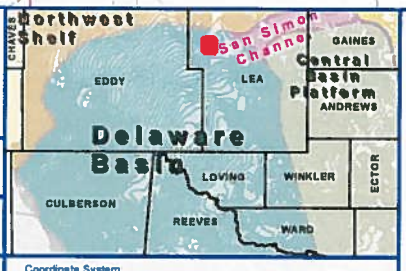
Certificate Number

20559

LOCATION VERIFICATION MAP

Section eight (8), Township nineteen (19) South,
Range thirty-three (33) East of the Principal Meridian, Lea County, New Mexico





Map Tech: VKV	1 " = 2,000 '
Date: 11/8/2018	1:24,000

0.2 0.1 0 0.2 0.4 Miles

1,000 500 0 1,000 2,000 Feet

TRANSGLOBAL SERVICES LLC
1100 Macon Street
Fort Worth, Texas 76102

Coordinate System:
NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Projection: Transverse Mercator
Datum: North American 1983
False Easting: 541,337.5000
False Northing: 0.0000
Central Meridian: -104.3333
Scale Factor: 0.9999
Latitude Of Origin: 31.0000
Units: Foot US

N W E S

KODIAK SWD #1

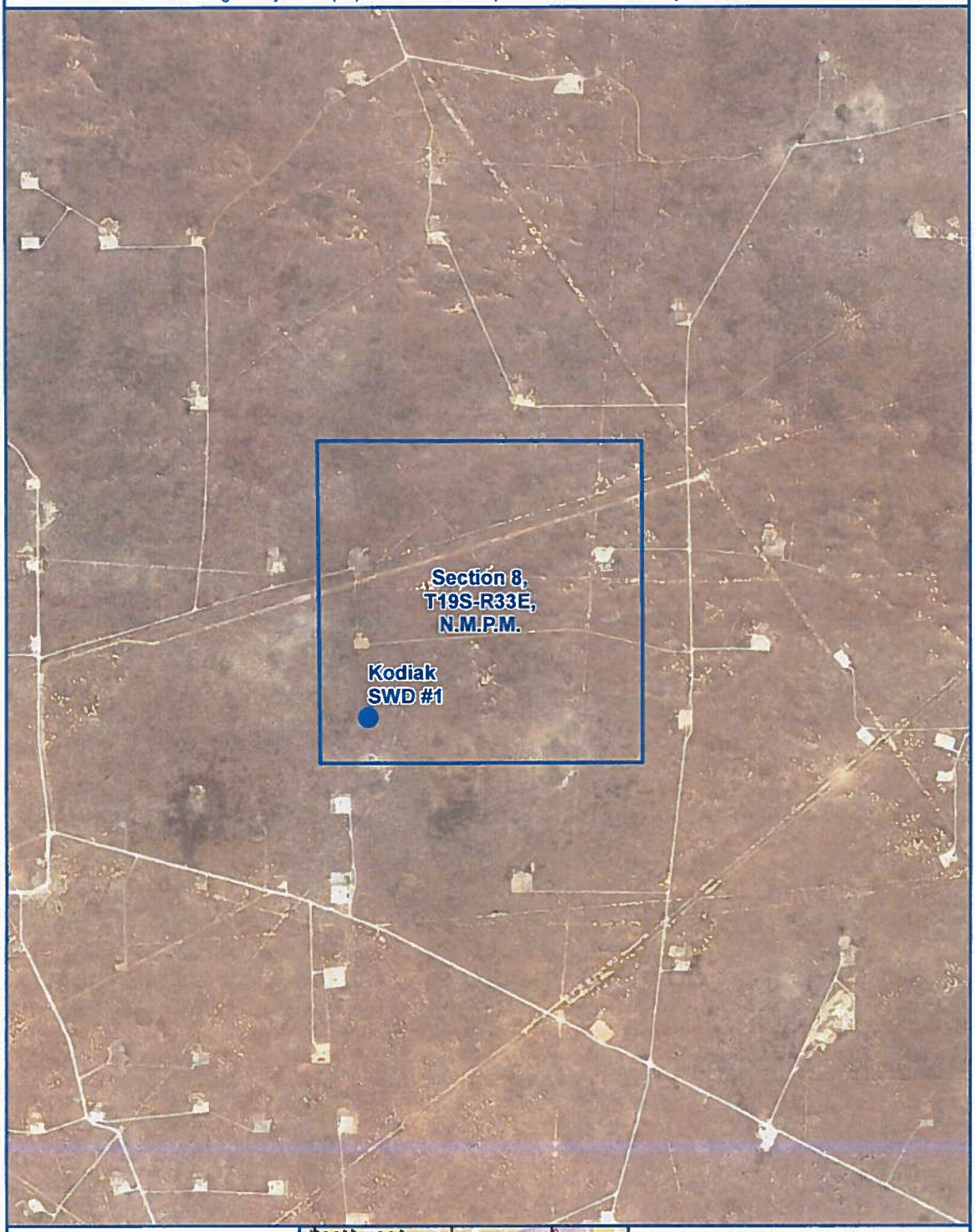
SHL Location & Penetration Point:
736' FSL & 771' FWL
Section 8, Township 19 South,
Range 33 East of P.M.
Lea County, New Mexico

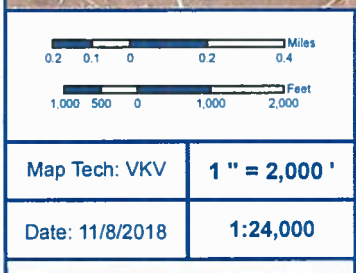
OPERATOR:
3BEAR FIELD SERVICES, LLC

3Bear Energy

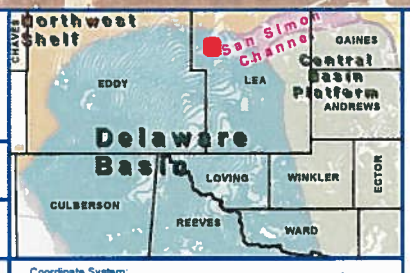
AERIAL MAP

Section eight (8), Township nineteen (19) South,
Range thirty-three (33) East of the Principal Meridian, Lea County, New Mexico





Map Tech: VKV	1 " = 2,000 '
Date: 11/8/2018	1:24,000



TRANSGLOBAL SERVICES LLC

1100 Macon Street
Fort Worth, Texas 76102

Coordinate System:
NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Projection: Transverse Mercator
Datum: North American 1983
False Easting: 541,337.5000
False Northing: 0.0000
Central Meridian: -104.3333
Scale Factor: 0.9999
Latitude Of Origin: 31.0000
Units: Foot US

N
W E
S

KODIAK SWD #1

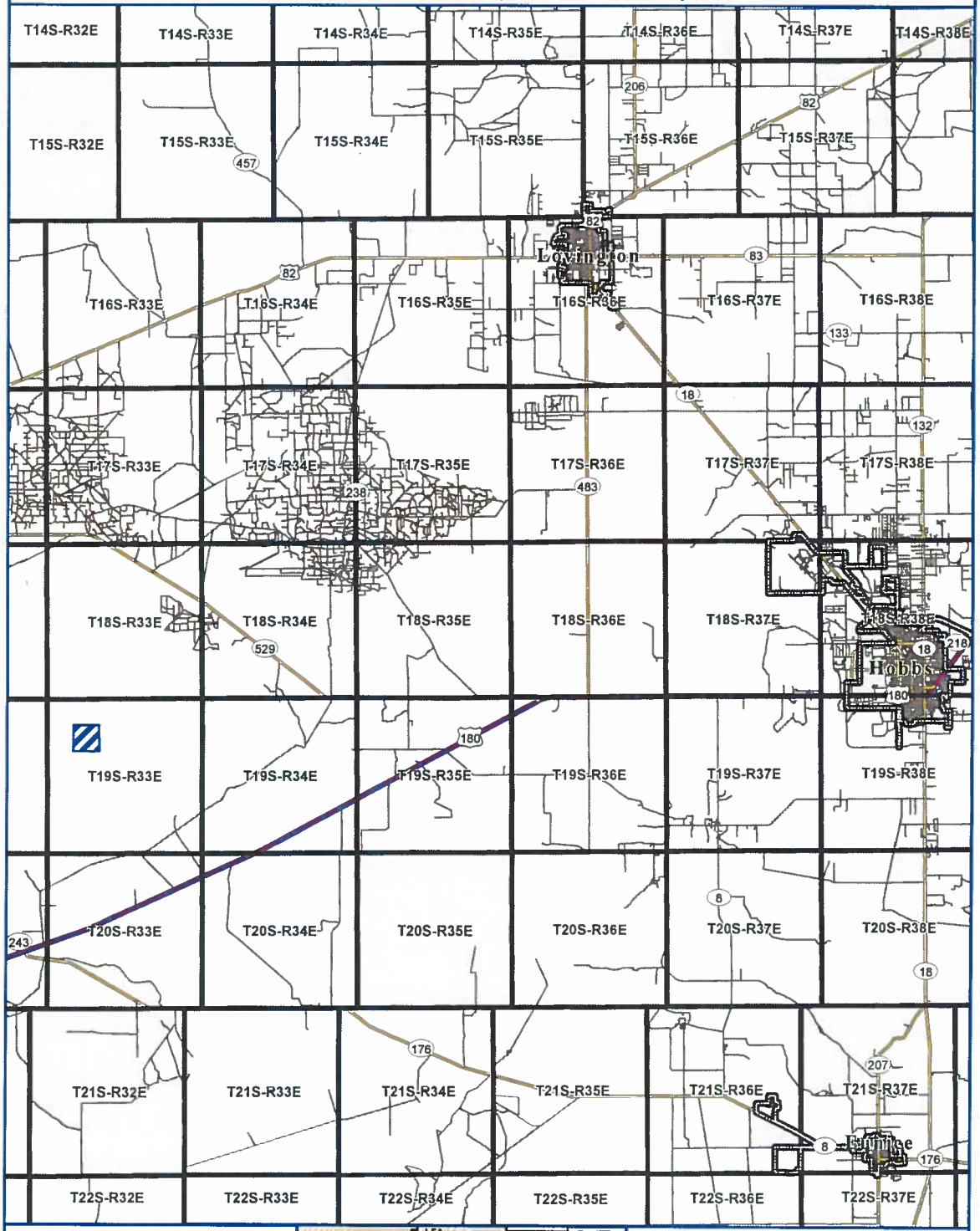
SHL Location & Penetration Point:
736' FSL & 771' FWL
Section 8, Township 19 South,
Range 33 East of P.M.
Lea County, New Mexico

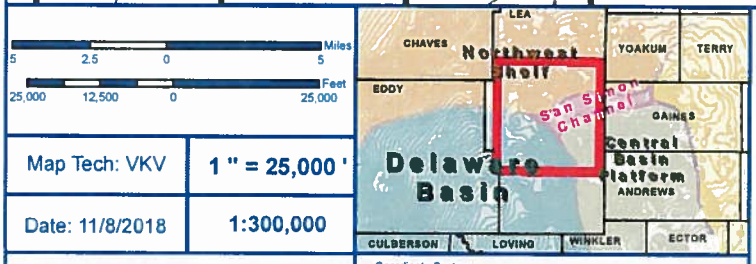
OPERATOR:
3BEAR FIELD SERVICES, LLC

3Bear Energy

VICINITY MAP

Section eight (8), Township nineteen (19) South,
Range thirty-three (33) East of the Principal Meridian, Lea County, New Mexico





Miles
5 2.5 0 5

Feet
25,000 12,500 0 25,000

Map Tech: VKV	1 " = 25,000 '
Date: 11/8/2018	1:300,000

TRANSGLOBAL SERVICES LLC
1100 Macon Street
Fort Worth, Texas 76102

Coordinate System:
NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Projection: Transverse Mercator
Datum: North American 1983
False Easting: 541,337.5000
False Northing: 0.0000
Central Meridian: -104.3333
Scale Factor: 0.9999
Latitude Of Origin: 31.0000
Units: Foot US

N W E S

KODIAK SWD #1

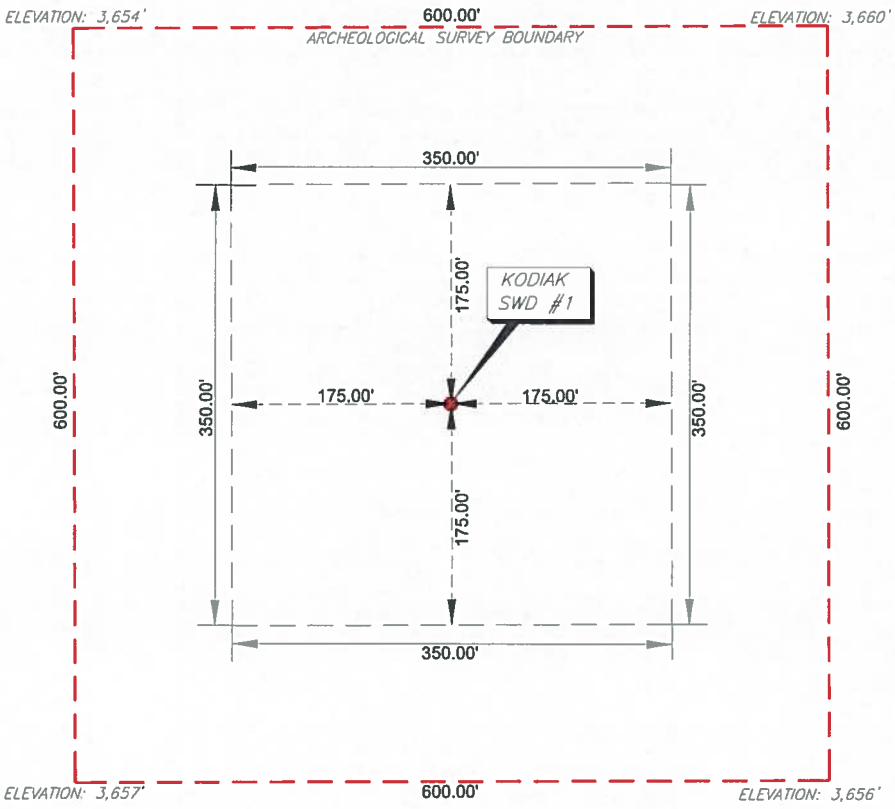
SHL Location & Penetration Point:
736' FSL & 771' FWL
Section 8, Township 19 South,
Range 33 East of P.M.
Lea County, New Mexico

OPERATOR:
3BEAR FIELD SERVICES, LLC

3Bear Energy

LEA COUNTY, NEW MEXICO

SECTION EIGHT (8), TOWNSHIP NINETEEN (19) SOUTH, RANGE THIRTY-THREE (33) EAST OF THE PRINCIPAL MERIDIAN



COORDINATE TABLE				
WELL NAME	NORTHING (N.A.D. 27)	EASTING (N.A.D. 27)	NORTHING (N.A.D. 83)	EASTING (N.A.D. 83)
KODIAK SWD #1 SURFACE LOCATION & PENETRATION POINT	607851.67	697729.56	607914.92	738909.12
ELEVATION	LATITUDE (N.A.D. 27)	LONGITUDE (N.A.D. 27)	LATITUDE (N.A.D. 83)	LONGITUDE (N.A.D. 83)
3,655.32'	32.669439	-103.690778	32.669561	-103.691277

THE KODIAK SWD #1 IS LOCATED APPROXIMATELY 25 MILES NORTHWEST OF MONUMENT, NEW MEXICO

100' 0' 100' 200 FEET

SCALE: 1" = 100'

NOTES:

1.) BEARINGS & COORDINATES SHOWN HEREON ARE REFERENCED TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, N.A.D. 27 & 83 DATUM (NEW MEXICO EAST ZONE) DERIVED FROM GPS OBSERVATIONS AND ARE BASED REFERENCE STATIONS - "E 148" - MALJAMAR NE (1985)

2.) LATITUDE & LONGITUDE ARE NAD 83 & 27 GEOGRAPHIC.

3.) THIS IS AN WELL PLAT AND DOES NOT REPRESENT A TRUE BOUNDARY SURVEY. THIS SURVEY IS BASED ON OWNERSHIP AND EASEMENT INFORMATION PROVIDED BY APACHE CORPORATION. SURVEYOR DID NOT ABSTRACT SUBJECT TRACT AND THERE MAY BE EASEMENTS OR OTHER ENCUMBRANCES THAT AFFECT THE SUBJECT TRACT THAT ARE NOT SHOWN HEREON.

TRANSGLOBAL SERVICES LLC
1100 Macon Street
Fort Worth, Texas 76102
(817) 529-1180 ~ Fax (817) 529-1181

3Bear Energy

Location of

KODIAK SWD #1

Surface Location & Penetration Point: 736' FSL & 771' FWL

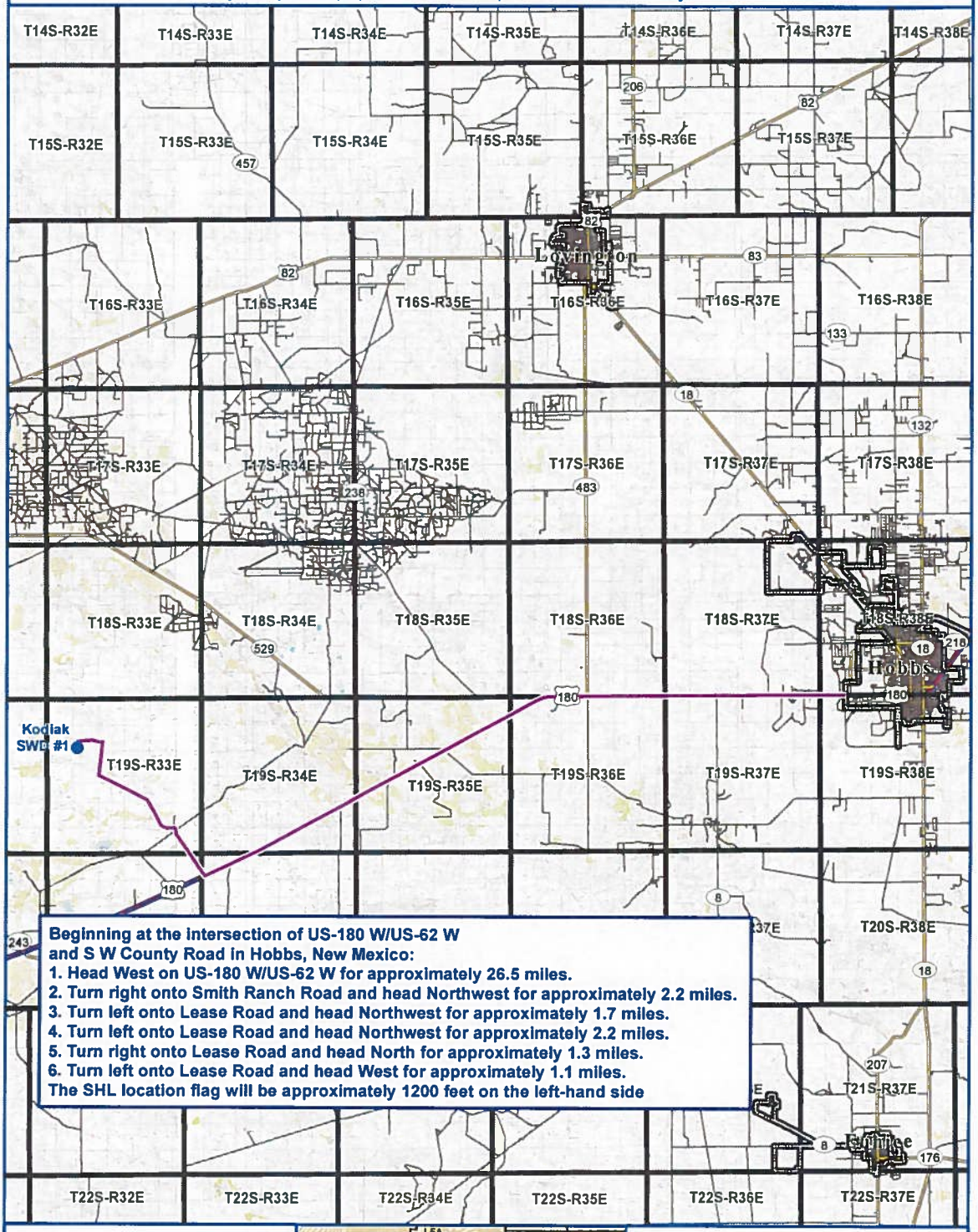
Section 8, Township 19 South, Range 33 East of P.M.

Lea County, New Mexico

DRAWN BY: JWP	DATE: 11-7-2018	DWG. NO. D:\Dropbox (Title Resources)\Title Resources Team Folder\Longlist\810011_Kodiak SWD #1\Exhibits PAGE 1 OF 1	REV. 1
CHECKED BY: JLW	DATE: 11-7-2018		
SCALE: 1" = 100'	APP.:		

ROAD ROUTE MAP

Section eight (8), Township nineteen (19) South,
Range thirty-three (33) East of the Principal Meridian, Lea County, New Mexico



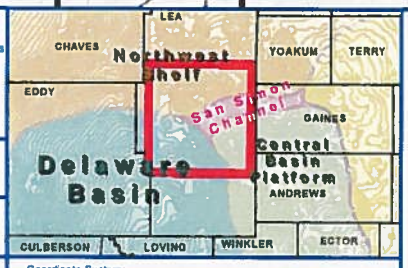
Beginning at the intersection of US-180 W/US-62 W and S W County Road in Hobbs, New Mexico:

1. Head West on US-180 W/US-62 W for approximately 26.5 miles.
2. Turn right onto Smith Ranch Road and head Northwest for approximately 2.2 miles.
3. Turn left onto Lease Road and head Northwest for approximately 1.7 miles.
4. Turn left onto Lease Road and head Northwest for approximately 2.2 miles.
5. Turn right onto Lease Road and head North for approximately 1.3 miles.
6. Turn left onto Lease Road and head West for approximately 1.1 miles.

The SHL location flag will be approximately 1200 feet on the left-hand side

Miles: 5 2.5 0 5
Feet: 25,000 12,500 0 25,000

Map Tech: VKV	1 " = 25,000 '
Date: 11/8/2018	1:300,000



TRANSGLOBAL SERVICES LLC
1100 Macon Street
Fort Worth, Texas 76102

Coordinate System:
NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Projection: Transverse Mercator
Datum: North American 1983
False Easting: 541,337.5000
False Northing: 0.0000
Central Meridian: -104.3333
Scale Factor: 0.9999
Latitude Of Origin: 31.0000
Units: Foot US

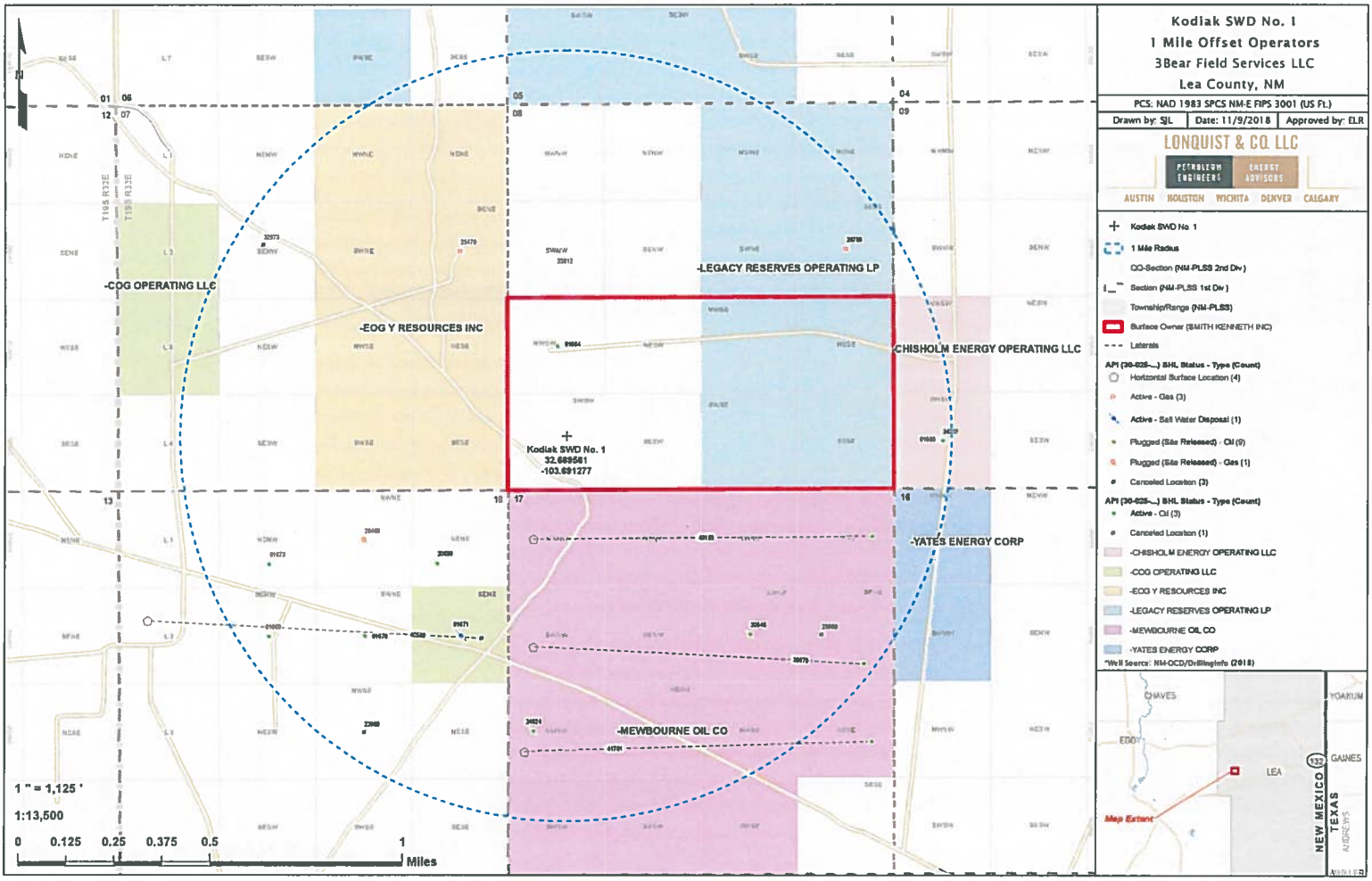
N W E S

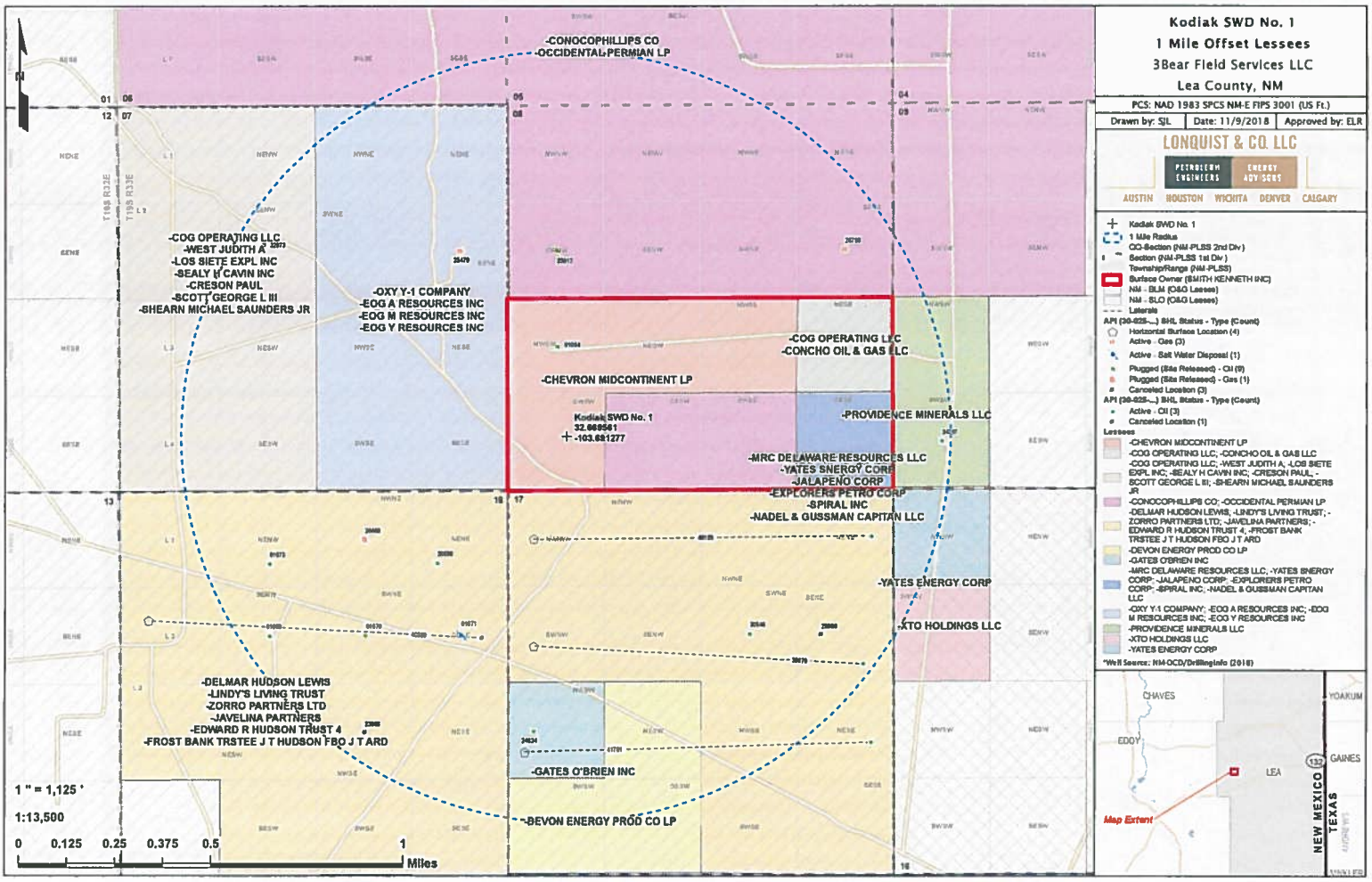
KODIAK SWD #1

SHL Location & Penetration Point:
736' FSL & 771' FWL
Section 8, Township 19 South,
Range 33 East of P.M.
Lea County, New Mexico

OPERATOR:
3BEAR FIELD SERVICES, LLC

3Bear Energy

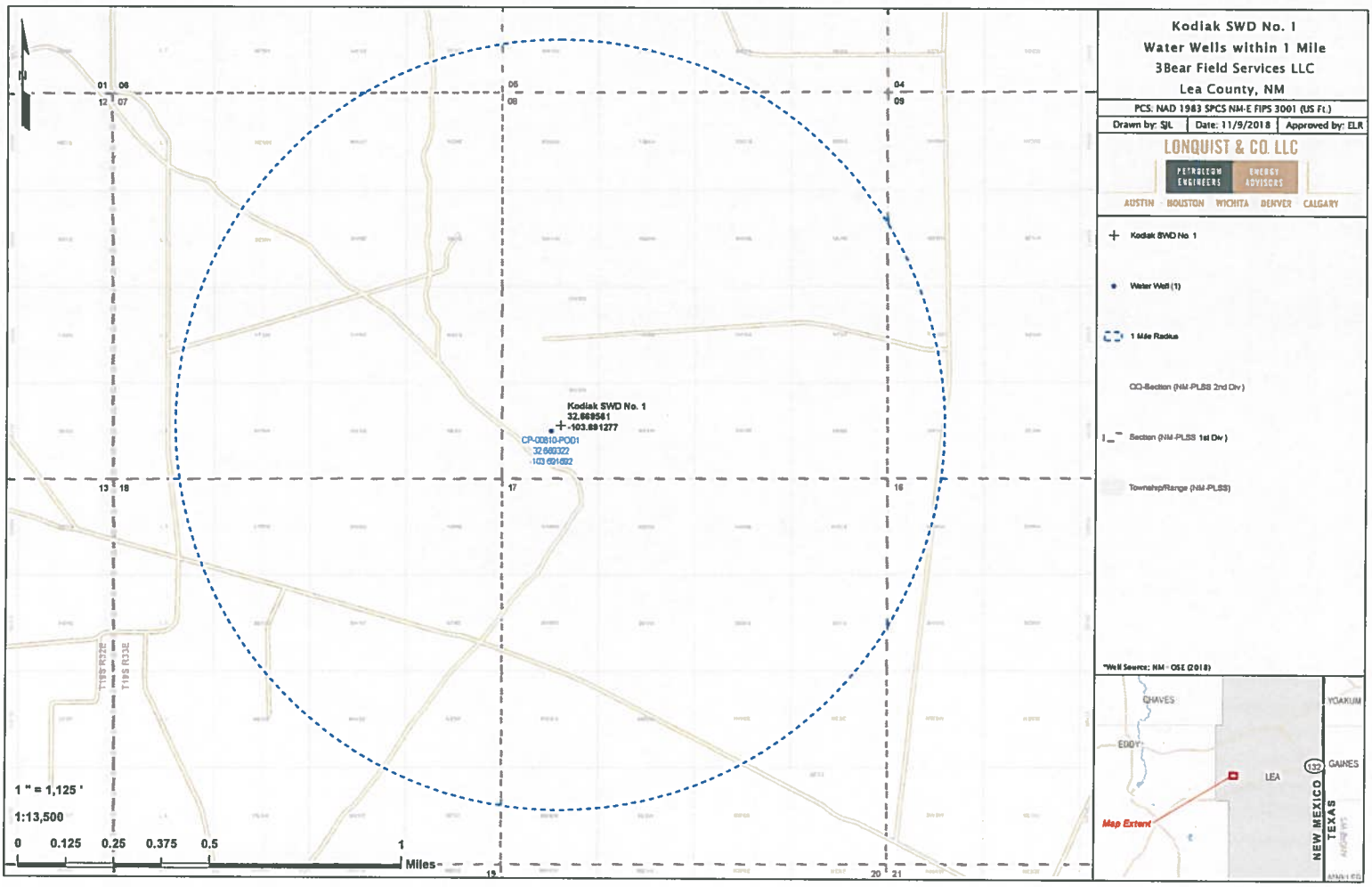

Kodiak SWD No. 1
1 Mile Offset Operators
3Bear Field Services LLC
Lea County, NM
PCS: NAD 1983 SPCS NM-E FIPS 3001 (US Ft.)
Drawn by: SJL
Date: 11/9/2018
Approved by: ELR
LONQUIST & CO. LLC
PETROLEUM ENGINEERS
ENERGY ADVISORS
AUSTIN HOUSTON WICHITA DENVER CALGARY
-COG OPERATING LLC
-EOG Y RESOURCES INC
-LEGACY RESERVES OPERATING LP
-CHISHOLM ENERGY OPERATING LLC
-YATES ENERGY CORP
-MEWBOURNE OIL CO
Kodiak SWD No. 1
32.689561
-103.691277
Kodiak SWD No. 1
1 Mile Radius
QQ-Section (NM-PLSS 2nd Div)
Section (NM-PLSS 1st Div)
Township/Range (NM-PLSS)
Surface Owner (SMITH KENNETH INC)
Laterals
API (30-025-...) SHL Status - Type (Count)
Horizontal Surface Location (4)
Active - Gas (3)
Active - Salt Water Disposal (1)
Plugged (Site Released) - Oil (9)
Plugged (Site Released) - Gas (1)
Canceled Location (3)
API (30-025-...) SHL Status - Type (Count)
Active - Oil (3)
Canceled Location (1)
-CHISHOLM ENERGY OPERATING LLC
-COG OPERATING LLC
-EOG Y RESOURCES INC
-LEGACY RESERVES OPERATING LP
-MEWBOURNE OIL CO
-YATES ENERGY CORP
*Well Source: NM-OCD/DrillingInfo (2018)
1 " = 1,125 '
1:13,500
0 0.125 0.25 0.375 0.5 1 Miles
CHAVES
EDDY
LEA
ROOSEVELT
GAINES
NEW MEXICO
TEXAS
Map Extent


-CONOCOPHILLIPS CO
-OCCIDENTAL PERMIAN LP
-COG OPERATING LLC
-WEST JUDITH A
-LOS SIETE EXPL INC
-SEALY H CAVIN INC
-CRESON PAUL
-SCOTT GEORGE L III
-SHEARN MICHAEL SAUNDERS JR
-OXY Y-1 COMPANY
-EOG A RESOURCES INC
-EOG M RESOURCES INC
-EOG Y RESOURCES INC
-COG OPERATING LLC
-CONCHO OIL & GAS LLC
-CHEVRON MIDCONTINENT LP
Kodiak SWD No. 1
32.668561
-103.681277
-PROVIDENCE MINERALS LLC
-MRC DELAWARE RESOURCES LLC
-YATES SNERGY CORP
-JALAPENO CORP
-EXPLORERS PETRO CORP
-SPIRAL INC
-NADEL & GUSSMAN CAPITAN LLC
-YATES ENERGY CORP
-XTO HOLDINGS LLC
-DELMAR HUDSON LEWIS
-LINDY'S LIVING TRUST
-ZORRO PARTNERS LTD
-JAVELINA PARTNERS
-EDWARD R HUDSON TRUST 4
-FROST BANK TRSTEE J T HUDSON FBO J T ARD
-GATES O'BRIEN INC
-BEVON ENERGY PROD CO LP
1 " = 1,125 '
1:13,500
0 0.125 0.25 0.375 0.5 1
Miles
Kodiak SWD No. 1
1 Mile Offset Lessees
3Bear Field Services LLC
Lea County, NM
PCS: NAD 1983 SPCS NM-E FIPS 3001 (US Ft.)
Drawn by: SJL
Date: 11/9/2018
Approved by: ELR
LONQUIST & CO. LLC
PETROLEUM ENGINEERS
ENERGY ADVISORS
AUSTIN HOUSTON WICHITA DENVER CALGARY
Kodiak SWD No. 1
1 Mile Radius
CO-Section (NM-PLSS 2nd Div)
Section (NM-PLSS 1st Div)
Township/Range (NM-PLSS)
Surface Owner (SMITH KENNETH INC)
NM - BLM (O&G Lessees)
NM - SLO (O&G Lessees)
Laterals
API (30-025-...) BHL Status - Type (Count)
Horizontal Surface Location (4)
Active - Gas (3)
Active - Salt Water Disposal (1)
Plugged (Site Released) - Oil (9)
Plugged (Site Released) - Gas (1)
Canceled Location (3)
API (30-025-...) BHL Status - Type (Count)
Active - Oil (3)
Canceled Location (1)
Lessees
-CHEVRON MIDCONTINENT LP
-COG OPERATING LLC; -CONCHO OIL & GAS LLC
-COG OPERATING LLC; -WEST JUDITH A; -LOS SIETE EXPL INC; -SEALY H CAVIN INC; -CRESON PAUL; -SCOTT GEORGE L III; -SHEARN MICHAEL SAUNDERS JR
-CONOCOPHILLIPS CO; -OCCIDENTAL PERMIAN LP
-DELMAR HUDSON LEWIS; -LINDY'S LIVING TRUST; -ZORRO PARTNERS LTD; -JAVELINA PARTNERS; -EDWARD R HUDSON TRUST 4; -FROST BANK TRSTEE J T HUDSON FBO J T ARD
-DEVON ENERGY PROD CO LP
-GATES O'BRIEN INC
-MRC DELAWARE RESOURCES LLC; -YATES SNERGY CORP; -JALAPENO CORP; -EXPLORERS PETRO CORP; -SPIRAL INC; -NADEL & GUSSMAN CAPITAN LLC
-OXY Y-1 COMPANY; -EOG A RESOURCES INC; -EOG M RESOURCES INC; -EOG Y RESOURCES INC
-PROVIDENCE MINERALS LLC
-XTO HOLDINGS LLC
-YATES ENERGY CORP
*Well Source: NM-OCD/DrillingInfo (2018)
CHAVES
EDDY
LEA
YOAKUM
GAINES
NEW MEXICO
TEXAS
Map Extent

Kodiak SWD No. 1
1 Mile Offset Operators and Lessees List

S/T/R	QQ UNIT LETTER(S)	OPERATOR	MINERAL LESSEE	MINERAL OWNER	SURFACE OWNER	ADDRESS 1	ADDRESS 2
6/19S/33E	O	LEGACY RESERVES OPERATING LP	-	-	-	303 W WALL SUITE 1600	MIDLAND, TX 79701
	P	-	CONOCOPHILLIPS CO	-	-	PO BOX 7500	BARTLESVILLE, OK 74005
		-	OCCIDENTAL PERMIAN LP	-	-	5 E GREENWAY PLAZA #110	HOUSTON, TX 77046
5/19S/33E	M,N,O	LEGACY RESERVES OPERATING LP	-	-	-	303 W WALL SUITE 1600	MIDLAND, TX 79701
9/19S/33E	L,M	CHISHOLM ENERGY OPERATING LLC	-	-	-	801 CHERRY STREET	FORT WORTH, TX 76102
	E	-	CONOCOPHILLIPS CO	-	-	PO BOX 7500	BARTLESVILLE, OK 74005
		-	OCCIDENTAL PERMIAN LP	-	-	5 E GREENWAY PLAZA #110	HOUSTON, TX 77046
8/19S/33E	A,B,G,H,I,J,O,P	LEGACY RESERVES OPERATING LP	-	-	-	303 W WALL SUITE 1600	MIDLAND, TX 79701
	C,D,E,F,N	-	CONOCOPHILLIPS CO	-	-	PO BOX 7500	BARTLESVILLE, OK 74005
		-	OCCIDENTAL PERMIAN LP	-	-	5 E GREENWAY PLAZA #110	HOUSTON, TX 77046
	K,L,M	-	CHEVRON MIDCONTINENT LP	-	-	6301 DEAUVILLE	MIDLAND, TX 79706
7/19S/33E	E,L	COG OPERATING LLC	-	-	-	600 W ILLINOIS AVE	MIDLAND, TX 79701
	A,B,G,H,I,J,O,P	EOG Y RESOURCES INC	-	-	-	104 S 4TH ST	ARTESIA, NM 88210
	C,F,K,M,N	-	COG OPERATING LLC	-	-	600 W ILLINOIS AVE	MIDLAND, TX 79701
		-	WEST JUDITH A	-	-	PO BOX 1046	CULLMAN, AL 35056
		-	LOS SIETE EXPL INC	-	-	200 W 1ST ST #548	ROSWELL, NM 88201
		-	SEALY H CAVIN INC	-	-	BOX 1125	ROSWELL, NM 88201
		-	CRESON PAUL	-	-	PO BOX 7127	DALLAS, TX 75209
		-	SCOTT GEORGE L III	-	-	200 W 1ST ST #548	ROSWELL, NM 88201
		-	SHEARN MICHAEL SAUNDERS JR	-	-	PO BOX 92340	AUSTIN, TX 78709
18/19S/33E	H	COG OPERATING LLC	-	-	-	600 W ILLINOIS AVE	MIDLAND, TX 79701
	A,B,C,D,E,F,G,I,J,K,O,P	-	DELMAR HUDSON LEWIS	-	-	810 TEXAS ST	FORT WORTH, TX 76102
		-	LINDY'S LIVING TRUST	-	-	810 TEXAS ST	FORT WORTH, TX 76102
		-	ZORRO PARTNERS LTD	-	-	810 TEXAS ST	FORT WORTH, TX 76102
		-	JAVELINA PARTNERS	-	-	810 TEXAS ST	FORT WORTH, TX 76102
		-	EDWARD R HUDSON TRUST 4	-	-	810 TEXAS ST	FORT WORTH, TX 76102
		-	FROST BANK TRSTEE J T HUDSON FBO J T ARD	-	-	PO BOX 1600	SAN ANTONIO, TX 78296
17/19S/33E	A,B,C,D,E,F,G,H,I,J,K,L,M,N,O	MEWBOURNE OIL CO	-	-	-	PO BOX 5270	HOBBS, NM 88241
19/19S/33E	D,E	YATES ENERGY CORP	-	-	-	PO BOX 2323	ROSWELL, NM 88202
Surface Location	-	-	-	-	SMITH KENNETH INC	297 SMITH RANCH RD	HOBBS, NM 88240

Kodiak SWD No. 1: Offsetting Produced Water Analysis																	
Well Name	API	Section	Township	Range	Unit	County	Formation	ph	tds_mgL	sodium_mgL	calcium_mgL	iron_mgL	magnesium_mgL	manganese_mgL	chloride_mgL	bicarbonate_mgL	sulfate_mgL	co2_mgL
INEXCO AHY FEDERAL #001	3002525470	7	19S	33E	H	LEA	PENNSYLVANIAN	6.5			5600	50	975.3		37062	610	12.5	
BUFFALO FEDERAL UNIT #004	3002501661	4	19S	33E	H	LEA	PENNSYLVANIAN		163468						99880	415	848	
BUFFALO FEDERAL UNIT #004	3002501661	4	19S	33E	H	LEA	PENNSYLVANIAN		17108						9398	610	991	
BUFFALO FEDERAL UNIT #004	3002501661	4	19S	33E	H	LEA	PENNSYLVANIAN		21444						11400	881	1537	
BUFFALO FEDERAL UNIT #004	3002501661	4	19S	33E	H	LEA	PENNSYLVANIAN		154414						94260	377	688	
NELLIS FEDERAL #001	3002501663	5	19S	33E	O	LEA	PENNSYLVANIAN		38798						23050	366	360	
NELLIS FEDERAL #001	3002501663	5	19S	33E	O	LEA	PENNSYLVANIAN		67912						40630	398	934	
NELLIS FEDERAL #001	3002501663	5	19S	33E	O	LEA	PENNSYLVANIAN		24440						13420	825	990	
FEDERAL AC #002	3002501675	18	19S	33E	E	LEA	PENNSYLVANIAN		46219						26980	734	850	
FEDERAL AC #002	3002501675	18	19S	33E	E	LEA	PENNSYLVANIAN		1305						140	232	510	
LAGUNA PLATA FEDERAL #001	3002501678	22	19S	33E	I	LEA	WOLFCAMP		46915						27270	714	1116	
MAGNOLIA STATE #001	3002501701	32	19S	33E	B	LEA	ARTESIA		8771						4301	1538	180	
MALACHITE 22 FEDERAL #001H	3002540318	22	19S	33E	D	Lea	BONE SPRING 1ST SAND	6.4		73407	1293	33	265	0.26	116995	780	480	250
NELLIS A FEDERAL #004	3002525912	8	19S	33E	E	LEA	BONE SPRING	6.9	48582						28900	763	160	
NELLIS FEDERAL #003	3002526091	6	19S	33E	F	LEA	ARTESIA	6.8	70660						42600	549	365	
MALACHITE 22 FEDERAL #001H	3002540318	22	19S	33E	D	Lea	BONE SPRING 1ST SAND	6.3		79136	1414	26	271	0.07	125827	1281	300	330
MALACHITE 22 FEDERAL #002H	3002540389	22	19S	33E	C	Lea	BONE SPRING 1ST SAND	6.65	94146	30411.4	4261	16.3	1102	0.3	56987.2	122	1085	120
BATE FEDERAL #003	3002522597	35	19S	33E	C	LEA	ARTESIA	7.8	117622						66700	506	5800	
MALACHITE 22 FEDERAL #001H	3002540318	22	19S	33E	D	Lea	BONE SPRING 1ST SAND	7	153753.1	57364.9	1261	3.5	277	0.2	91996	732	593	250


Kodiak SWD No. 1
Water Wells within 1 Mile
3Bear Field Services LLC
Lea County, NM
PCS: NAD 1983 SPCS NM-E FIPS 3001 (US Ft.)
Drawn by: SJL
Date: 11/9/2018
Approved by: ELR
LONQUIST & CO. LLC
PETROLEUM ENGINEERS
ENERGY ADVISORS
AUSTIN HOUSTON WICHITA DENVER CALGARY
Kodiak SWD No. 1
Water Well (1)
1 Mile Radius
CC-Section (NM-PLSS 2nd Div)
Section (NM-PLSS 1st Div)
Township/Range (NM-PLSS)
*Well Source: NM - OSE (2018)
Kodiak SWD No. 1
32.669561
-103.691277
CP-00810-POD1
32.660322
-103.691492
T19S R32E
T19S R33E
1 " = 1,125 '
1:13,500
0 0.125 0.25 0.375 0.5 1
Miles
CHAVES
EDDY
LEA
YOAKUM
GAINES
NEW MEXICO
TEXAS
Map Extent

New Mexico Office of the State Engineer
Water Right Summary

get image list

WR File Number: CP 00810 **Subbasin:** CP **Cross Reference:** -

Primary Purpose: PLS NON 72-12-1 LIVESTOCK WATERING

Primary Status: DCL DECLARATION

Total Acres: 0 **Subfile:** -

Total Diversion: 3 **Cause/Case:** -

Owner: KENNETH SMITH

Documents on File

Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
get images 563319	DCL	1993-08-04	DCL	PRC	CP 00810	T	0	3	

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Source	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Other Location Desc
CP 00810 POD1	Shallow	3	3		08	19S	33E	622675	3615385*	

*An (*) after northing value indicates UTM location was derived from PLSS - see Help

Priority Summary

Priority	Status	Acres	Diversion	Pod Number	Source
12/31/1965	DCL	0	3	CP 00810 POD1	Shallow

Place of Use

Q 256	Q 64	Q 16	Q 4	Sec	Tws	Rng	Acres	Diversion	CU	Use	Priority	Status	Other Location Desc
							0	3		PLS	12/31/1965	DCL	NO PLACE OF USE GIVEN

Source

Acres	Diversion	CU	Use	Priority	Source	Description
0	3		PLS	12/31/1965	GW	

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

Beginning with the issue dated
November 08, 2018
and ending with the issue dated
November 08, 2018.

Daniel Russell
Publisher

Sworn and subscribed to before me this
8th day of November 2018.

Gussie Black
Business Manager

My commission expires
January 29, 2019
(Seal)

OFFICIAL SEAL
GUSSIE BLACK
Notary Public
State of New Mexico
My Commission Expires 1-29-19

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

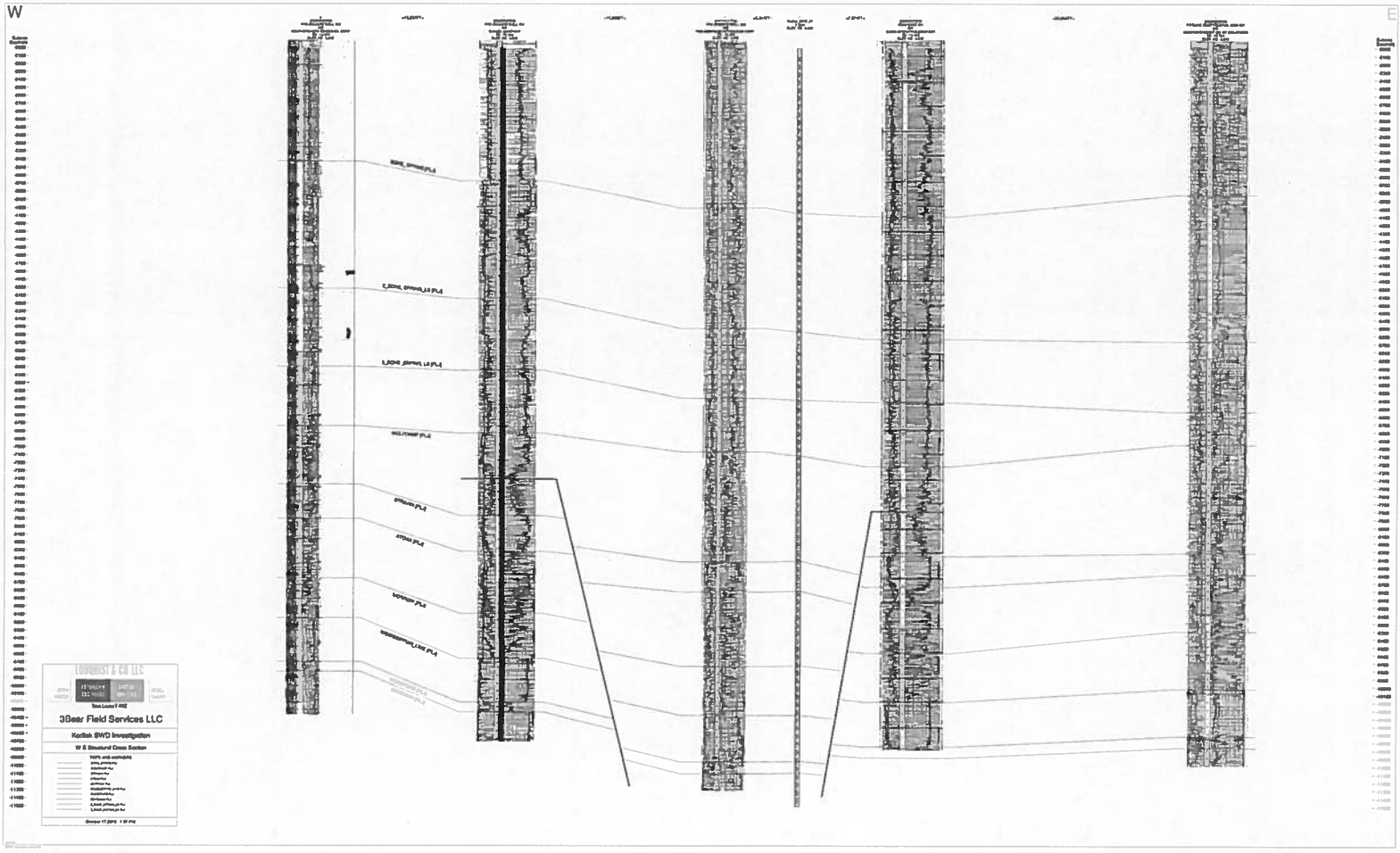
LEGALS

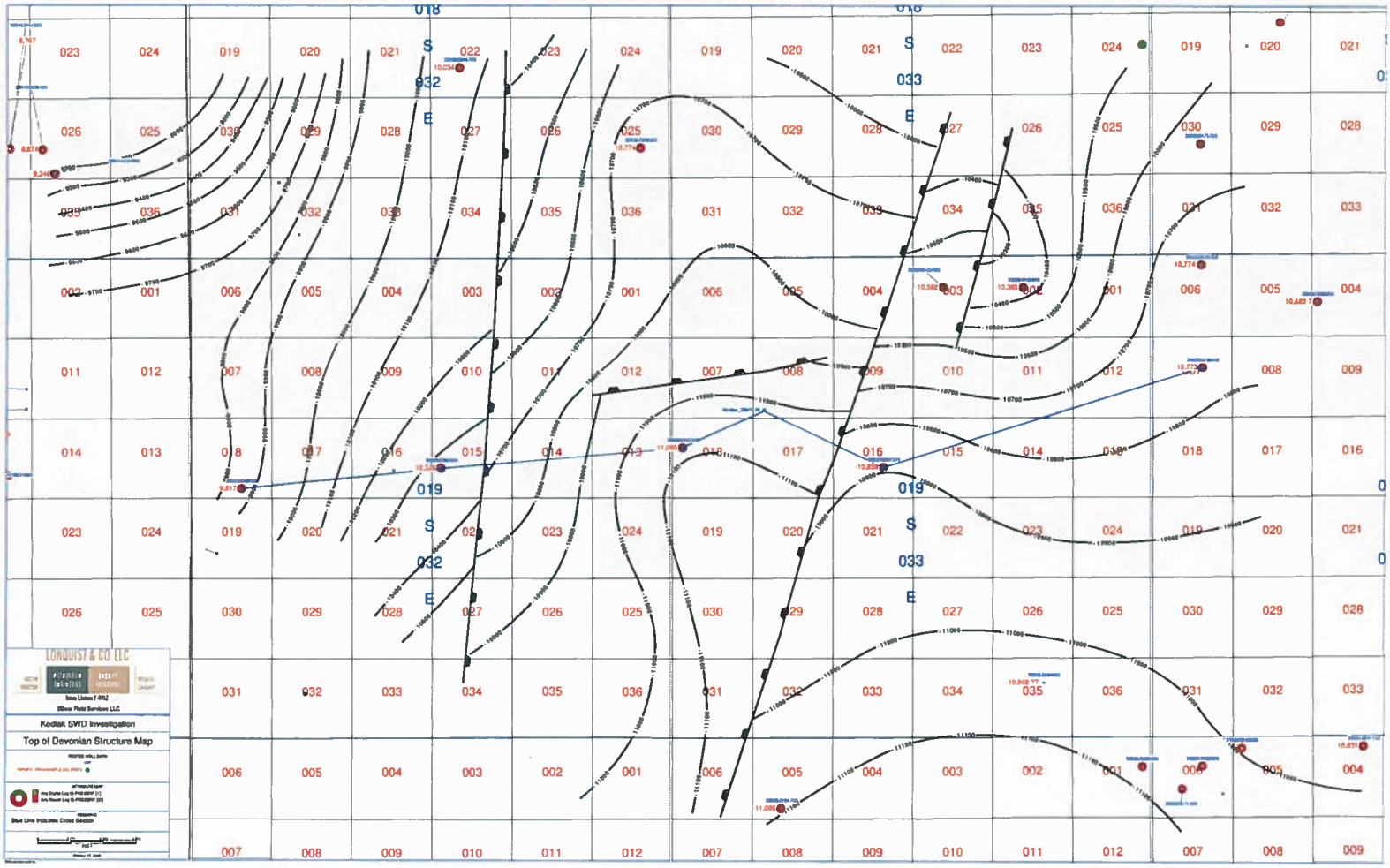
LEGAL NOTICE
November 8, 2018

3Bear Field Services LLC, 415 W. Wall St, Suite 1212, Midland, Texas 79701, is filing Form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division for administrative approval for its salt water disposal well Kodiak SWD No. 1. The proposed well will be located at 736' FSL & 771' FWL in Section 8, Township 19S, Range 33E in Lea County, New Mexico. Disposal water will be sourced from area production, and will be injected into the Devonian-Silurian Formation (determined by offset log analysis) through an open hole completion between an applied for top of 14,751' feet to a maximum depth of 16,500' feet. The maximum surface injection pressure will not exceed 2,950 psi with a maximum rate of 25,000 BWPD. Interested parties opposing the action must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, within 15 days. Additional information can be obtained from the applicant's agent, Lonquist & Co., LLC, at (512) 600-1774.
#33435

67112661 00220544

LONQUIST & CO., LLC
12912 HILL COUNTRY BLVD, STE F200
AUSTIN, TX 78738


W
E
LONQUIST & CO LLC
3Bear Field Services LLC
Kodiak SWD Investigation
W E Structural Cross Section


LONQUIST & CO. LLC
Silver Point Services LLC
Kodiak SWD Investigation
Top of Devonian Structure Map
Blue Line Indicates Cross Section

November 12, 2018

Chevron Midcontinent LP
6301 Deauville
Midland, TX 79706

Subject: **Kodiak SWD No. 1 Authorization to Inject**

To Whom It May Concern:

Attached for your review is Form C-108, Application for Authorization to Inject, and its supplemental documents prepared for 3Bear Energy LLC's Kodiak SWD No. 1 well. Section XIV of Form C-108 requires that the surface land owner on which the well is located and each leasehold operator within a one-half mile radius of the proposed well location be furnished with the application.

According to the New Mexico Oil Conservation Division, surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date in which this application was mailed to them.

Any questions should be directed towards 3Bear Energy LLC's agent, Lonquist & Co., LLC.

Regards,

Stephen L. Pattee, P.G.
Regulatory Manager
Lonquist & Co., LLC

(512) 600-1774
steve@lonquist.com

November 12, 2018

Chisholm Energy Operating LLC
801 Cherry Street
Fort Worth, TX 76102

Subject: **Kodiak SWD No. 1 Authorization to Inject**

To Whom It May Concern:

Attached for your review is Form C-108, Application for Authorization to Inject, and its supplemental documents prepared for 3Bear Energy LLC's Kodiak SWD No. 1 well. Section XIV of Form C-108 requires that the surface land owner on which the well is located and each leasehold operator within a one-half mile radius of the proposed well location be furnished with the application.

According to the New Mexico Oil Conservation Division, surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date in which this application was mailed to them.

Any questions should be directed towards 3Bear Energy LLC's agent, Lonquist & Co., LLC.

Regards,

Stephen L. Pattee, P.G.
Regulatory Manager
Lonquist & Co., LLC

(512) 600-1774
steve@lonquist.com

November 12, 2018

COG Operating LLC
600 W Illinois Ave
Midland, TX 79701

Subject: **Kodiak SWD No. 1 Authorization to Inject**

To Whom It May Concern:

Attached for your review is Form C-108, Application for Authorization to Inject, and its supplemental documents prepared for 3Bear Energy LLC's Kodiak SWD No. 1 well. Section XIV of Form C-108 requires that the surface land owner on which the well is located and each leasehold operator within a one-half mile radius of the proposed well location be furnished with the application.

According to the New Mexico Oil Conservation Division, surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date in which this application was mailed to them.

Any questions should be directed towards 3Bear Energy LLC's agent, Lonquist & Co., LLC.

Regards,

Stephen L. Pattee, P.G.
Regulatory Manager
Lonquist & Co., LLC

(512) 600-1774
steve@lonquist.com

November 12, 2018

ConocoPhillips Co.
PO Box 7500
Bartlesville, OK 74005

Subject: **KODIAK SWD NO. 1 AUTHORIZATION TO INJECT**

To Whom It May Concern:

Attached for your review is Form C-108, Application for Authorization to Inject, and its supplemental documents prepared for 3Bear Energy LLC's Kodiak SWD No. 1 well. Section XIV of Form C-108 requires that the surface land owner on which the well is located and each leasehold operator within a one-half mile radius of the proposed well location be furnished with the application.

According to the New Mexico Oil Conservation Division, surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date in which this application was mailed to them.

Any questions should be directed towards 3Bear Energy LLC's agent, Lonquist & Co., LLC.

Regards,

Stephen L. Pattee, P.G.
Regulatory Manager
Lonquist & Co., LLC

(512) 600-1774
steve@lonquist.com

November 12, 2018

Delmar Hudson Lewis
616 Texas Street
Fort Worth, TX 76102

Subject: **Kodiak SWD No. 1 Authorization to Inject**

To Whom It May Concern:

Attached for your review is Form C-108, Application for Authorization to Inject, and its supplemental documents prepared for 3Bear Energy LLC's Kodiak SWD No. 1 well. Section XIV of Form C-108 requires that the surface land owner on which the well is located and each leasehold operator within a one-half mile radius of the proposed well location be furnished with the application.

According to the New Mexico Oil Conservation Division, surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date in which this application was mailed to them.

Any questions should be directed towards 3Bear Energy LLC's agent, Lonquist & Co., LLC.

Regards,

Stephen L. Pattee, P.G.
Regulatory Manager
Lonquist & Co., LLC

(512) 600-1774
steve@lonquist.com

LONQUIST & CO. LLC

AUSTIN
HOUSTON

PETROLEUM ENGINEERS | ENERGY ADVISORS

WICHITA
CALGARY

www.lonquist.com

November 12, 2018

Edward R Hudson Trust 4
616 Texas Street
Fort Worth, TX 76102

Subject: **Kodiak SWD No. 1 Authorization to Inject**

To Whom It May Concern:

Attached for your review is Form C-108, Application for Authorization to Inject, and its supplemental documents prepared for 3Bear Energy LLC's Kodiak SWD No. 1 well. Section XIV of Form C-108 requires that the surface land owner on which the well is located and each leasehold operator within a one-half mile radius of the proposed well location be furnished with the application.

According to the New Mexico Oil Conservation Division, surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date in which this application was mailed to them.

Any questions should be directed towards 3Bear Energy LLC's agent, Lonquist & Co., LLC.

Regards,

Stephen L. Pattee, P.G.
Regulatory Manager
Lonquist & Co., LLC

(512) 600-1774
steve@lonquist.com

November 12, 2018

EOG Y Resources, Inc.
105 S 4th Street
Artesia, NM 88210

Subject: **Kodiak SWD No. 1 Authorization to Inject**

To Whom It May Concern:

Attached for your review is Form C-108, Application for Authorization to Inject, and its supplemental documents prepared for 3Bear Energy LLC's Kodiak SWD No. 1 well. Section XIV of Form C-108 requires that the surface land owner on which the well is located and each leasehold operator within a one-half mile radius of the proposed well location be furnished with the application.

According to the New Mexico Oil Conservation Division, surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date in which this application was mailed to them.

Any questions should be directed towards 3Bear Energy LLC's agent, Lonquist & Co., LLC.

Regards,

Stephen L. Pattee, P.G.
Regulatory Manager
Lonquist & Co., LLC

(512) 600-1774
steve@lonquist.com

November 12, 2018

Frost Bank Trustee J T Hudson FBO J T Ard
PO Box 1600
San Antonio, TX 78296

Subject: **Kodiak SWD No. 1 Authorization to Inject**

To Whom It May Concern:

Attached for your review is Form C-108, Application for Authorization to Inject, and its supplemental documents prepared for 3Bear Energy LLC's Kodiak SWD No. 1 well. Section XIV of Form C-108 requires that the surface land owner on which the well is located and each leasehold operator within a one-half mile radius of the proposed well location be furnished with the application.

According to the New Mexico Oil Conservation Division, surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date in which this application was mailed to them.

Any questions should be directed towards 3Bear Energy LLC's agent, Lonquist & Co., LLC.

Regards,

Stephen L. Pattee, P.G.
Regulatory Manager
Lonquist & Co., LLC

(512) 600-1774
steve@lonquist.com

November 12, 2018

George L Scott III
200 W 1st St #648
Roswell, NM 88201

Subject: **Kodiak SWD No. 1 Authorization to Inject**

To Whom It May Concern:

Attached for your review is Form C-108, Application for Authorization to Inject, and its supplemental documents prepared for 3Bear Energy LLC's Kodiak SWD No. 1 well. Section XIV of Form C-108 requires that the surface land owner on which the well is located and each leasehold operator within a one-half mile radius of the proposed well location be furnished with the application.

According to the New Mexico Oil Conservation Division, surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date in which this application was mailed to them.

Any questions should be directed towards 3Bear Energy LLC's agent, Lonquist & Co., LLC.

Regards,

Stephen L. Pattee, P.G.
Regulatory Manager
Lonquist & Co., LLC

(512) 600-1774
steve@lonquist.com

November 12, 2018

Javelina Partners
616 Texas Street
Fort Worth, TX 76102

Subject: **Kodiak SWD No. 1 Authorization to Inject**

To Whom It May Concern:

Attached for your review is Form C-108, Application for Authorization to Inject, and its supplemental documents prepared for 3Bear Energy LLC's Kodiak SWD No. 1 well. Section XIV of Form C-108 requires that the surface land owner on which the well is located and each leasehold operator within a one-half mile radius of the proposed well location be furnished with the application.

According to the New Mexico Oil Conservation Division, surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date in which this application was mailed to them.

Any questions should be directed towards 3Bear Energy LLC's agent, Lonquist & Co., LLC.

Regards,

Stephen L. Pattee, P.G.
Regulatory Manager
Lonquist & Co., LLC

(512) 600-1774
steve@lonquist.com

November 12, 2018

Judith A West
PO Box 1948
Cullman, AL 35056

Subject: **Kodiak SWD No. 1 Authorization to Inject**

To Whom It May Concern:

Attached for your review is Form C-108, Application for Authorization to Inject, and its supplemental documents prepared for 3Bear Energy LLC's Kodiak SWD No. 1 well. Section XIV of Form C-108 requires that the surface land owner on which the well is located and each leasehold operator within a one-half mile radius of the proposed well location be furnished with the application.

According to the New Mexico Oil Conservation Division, surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date in which this application was mailed to them.

Any questions should be directed towards 3Bear Energy LLC's agent, Lonquist & Co., LLC.

Regards,

Stephen L. Pattee, P.G.
Regulatory Manager
Lonquist & Co., LLC

(512) 600-1774
steve@lonquist.com

November 12, 2018

Kenneth Smith Inc.
267 Smith Ranch Rd.
Hobbs, NM 88240

Subject: **Kodiak SWD No. 1 Authorization to Inject**

To Whom It May Concern:

Attached for your review is Form C-108, Application for Authorization to Inject, and its supplemental documents prepared for 3Bear Energy LLC's Kodiak SWD No. 1 well. Section XIV of Form C-108 requires that the surface land owner on which the well is located and each leasehold operator within a one-half mile radius of the proposed well location be furnished with the application.

According to the New Mexico Oil Conservation Division, surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date in which this application was mailed to them.

Any questions should be directed towards 3Bear Energy LLC's agent, Lonquist & Co., LLC.

Regards,

Stephen L. Pattee, P.G.
Regulatory Manager
Lonquist & Co., LLC

(512) 600-1774
steve@lonquist.com

November 12, 2018

Legacy Reserves Operating LP
303 W. Wall Suite 1600
Midland, TX 79701

Subject: **KODIAK SWD NO. 1 AUTHORIZATION TO INJECT**

To Whom It May Concern:

Attached for your review is Form C-108, Application for Authorization to Inject, and its supplemental documents prepared for 3Bear Energy LLC's Kodiak SWD No. 1 well. Section XIV of Form C-108 requires that the surface land owner on which the well is located and each leasehold operator within a one-half mile radius of the proposed well location be furnished with the application.

According to the New Mexico Oil Conservation Division, surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date in which this application was mailed to them.

Any questions should be directed towards 3Bear Energy LLC's agent, Lonquist & Co., LLC.

Regards,

Stephen L. Pattee, P.G.
Regulatory Manager
Lonquist & Co., LLC

(512) 600-1774
steve@lonquist.com

November 12, 2018

Lindy's Living Trust
616 Texas Street
Fort Worth, TX 76102

Subject: **Kodiak SWD No. 1 Authorization to Inject**

To Whom It May Concern:

Attached for your review is Form C-108, Application for Authorization to Inject, and its supplemental documents prepared for 3Bear Energy LLC's Kodiak SWD No. 1 well. Section XIV of Form C-108 requires that the surface land owner on which the well is located and each leasehold operator within a one-half mile radius of the proposed well location be furnished with the application.

According to the New Mexico Oil Conservation Division, surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date in which this application was mailed to them.

Any questions should be directed towards 3Bear Energy LLC's agent, Lonquist & Co., LLC.

Regards,

Stephen L. Pattee, P.G.
Regulatory Manager
Lonquist & Co., LLC

(512) 600-1774
steve@lonquist.com

November 12, 2018

Los Siete Expl. Inc.
200 W 1st St #648
Roswell, NM 88201

Subject: **Kodiak SWD No. 1 Authorization to Inject**

To Whom It May Concern:

Attached for your review is Form C-108, Application for Authorization to Inject, and its supplemental documents prepared for 3Bear Energy LLC's Kodiak SWD No. 1 well. Section XIV of Form C-108 requires that the surface land owner on which the well is located and each leasehold operator within a one-half mile radius of the proposed well location be furnished with the application.

According to the New Mexico Oil Conservation Division, surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date in which this application was mailed to them.

Any questions should be directed towards 3Bear Energy LLC's agent, Lonquist & Co., LLC.

Regards,

Stephen L. Pattee, P.G.
Regulatory Manager
Lonquist & Co., LLC

(512) 600-1774
steve@lonquist.com

November 12, 2018

Mewbourne Oil Co
PO Box 5270
Hobbs, NM 88241

Subject: **Kodiak SWD No. 1 Authorization to Inject**

To Whom It May Concern:

Attached for your review is Form C-108, Application for Authorization to Inject, and its supplemental documents prepared for 3Bear Energy LLC's Kodiak SWD No. 1 well. Section XIV of Form C-108 requires that the surface land owner on which the well is located and each leasehold operator within a one-half mile radius of the proposed well location be furnished with the application.

According to the New Mexico Oil Conservation Division, surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date in which this application was mailed to them.

Any questions should be directed towards 3Bear Energy LLC's agent, Lonquist & Co., LLC.

Regards,

Stephen L. Pattee, P.G.
Regulatory Manager
Lonquist & Co., LLC

(512) 600-1774
steve@lonquist.com

November 12, 2018

Occidental Permian LP
5 E Greenway Plaza #110
Houston, TX 77046

Subject: **Kodiak SWD No. 1 Authorization to Inject**

To Whom It May Concern:

Attached for your review is Form C-108, Application for Authorization to Inject, and its supplemental documents prepared for 3Bear Energy LLC's Kodiak SWD No. 1 well. Section XIV of Form C-108 requires that the surface land owner on which the well is located and each leasehold operator within a one-half mile radius of the proposed well location be furnished with the application.

According to the New Mexico Oil Conservation Division, surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date in which this application was mailed to them.

Any questions should be directed towards 3Bear Energy LLC's agent, Lonquist & Co., LLC.

Regards,

Stephen L. Pattee, P.G.
Regulatory Manager
Lonquist & Co., LLC

(512) 600-1774
steve@lonquist.com

November 12, 2018

Occidental Permian LP
5 E Greenway Plaza #110
Houston, TX 77046

Subject: **Kodiak SWD No. 1 Authorization to Inject**

To Whom It May Concern:

Attached for your review is Form C-108, Application for Authorization to Inject, and its supplemental documents prepared for 3Bear Energy LLC's Kodiak SWD No. 1 well. Section XIV of Form C-108 requires that the surface land owner on which the well is located and each leasehold operator within a one-half mile radius of the proposed well location be furnished with the application.

According to the New Mexico Oil Conservation Division, surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date in which this application was mailed to them.

Any questions should be directed towards 3Bear Energy LLC's agent, Lonquist & Co., LLC.

Regards,

Stephen L. Pattee, P.G.
Regulatory Manager
Lonquist & Co., LLC

(512) 600-1774
steve@lonquist.com

November 12, 2018

Paul Creson
PO Box 7127
Dallas, TX 75209

Subject: **Kodiak SWD No. 1 Authorization to Inject**

To Whom It May Concern:

Attached for your review is Form C-108, Application for Authorization to Inject, and its supplemental documents prepared for 3Bear Energy LLC's Kodiak SWD No. 1 well. Section XIV of Form C-108 requires that the surface land owner on which the well is located and each leasehold operator within a one-half mile radius of the proposed well location be furnished with the application.

According to the New Mexico Oil Conservation Division, surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date in which this application was mailed to them.

Any questions should be directed towards 3Bear Energy LLC's agent, Lonquist & Co., LLC.

Regards,

Stephen L. Pattee, P.G.
Regulatory Manager
Lonquist & Co., LLC

(512) 600-1774
steve@lonquist.com

November 12, 2018

Sealy H Cavin Inc.
PO Box 1125
Roswell, NM 88201

Subject: **Kodiak SWD No. 1 Authorization to Inject**

To Whom It May Concern:

Attached for your review is Form C-108, Application for Authorization to Inject, and its supplemental documents prepared for 3Bear Energy LLC's Kodiak SWD No. 1 well. Section XIV of Form C-108 requires that the surface land owner on which the well is located and each leasehold operator within a one-half mile radius of the proposed well location be furnished with the application.

According to the New Mexico Oil Conservation Division, surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date in which this application was mailed to them.

Any questions should be directed towards 3Bear Energy LLC's agent, Lonquist & Co., LLC.

Regards,

Stephen L. Pattee, P.G.
Regulatory Manager
Lonquist & Co., LLC

(512) 600-1774
steve@lonquist.com

November 12, 2018

Shearn Michael Saunders Jr.
PO Box 92349
Austin, TX 78709

Subject: **Kodiak SWD No. 1 Authorization to Inject**

To Whom It May Concern:

Attached for your review is Form C-108, Application for Authorization to Inject, and its supplemental documents prepared for 3Bear Energy LLC's Kodiak SWD No. 1 well. Section XIV of Form C-108 requires that the surface land owner on which the well is located and each leasehold operator within a one-half mile radius of the proposed well location be furnished with the application.

According to the New Mexico Oil Conservation Division, surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date in which this application was mailed to them.

Any questions should be directed towards 3Bear Energy LLC's agent, Lonquist & Co., LLC.

Regards,

Stephen L. Pattee, P.G.
Regulatory Manager
Lonquist & Co., LLC

(512) 600-1774
steve@lonquist.com

November 12, 2018

Yates Energy Corp
PO Box 2323
Roswell, NM 88202

Subject: **Kodiak SWD No. 1 Authorization to Inject**

To Whom It May Concern:

Attached for your review is Form C-108, Application for Authorization to Inject, and its supplemental documents prepared for 3Bear Energy LLC's Kodiak SWD No. 1 well. Section XIV of Form C-108 requires that the surface land owner on which the well is located and each leasehold operator within a one-half mile radius of the proposed well location be furnished with the application.

According to the New Mexico Oil Conservation Division, surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date in which this application was mailed to them.

Any questions should be directed towards 3Bear Energy LLC's agent, Lonquist & Co., LLC.

Regards,

Stephen L. Pattee, P.G.
Regulatory Manager
Lonquist & Co., LLC

(512) 600-1774
steve@lonquist.com

November 12, 2018

Zorro Partners Ltd.
616 Texas Street
Fort Worth, TX 76102

Subject: **Kodiak SWD No. 1 Authorization to Inject**

To Whom It May Concern:

Attached for your review is Form C-108, Application for Authorization to Inject, and its supplemental documents prepared for 3Bear Energy LLC's Kodiak SWD No. 1 well. Section XIV of Form C-108 requires that the surface land owner on which the well is located and each leasehold operator within a one-half mile radius of the proposed well location be furnished with the application.

According to the New Mexico Oil Conservation Division, surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date in which this application was mailed to them.

Any questions should be directed towards 3Bear Energy LLC's agent, Lonquist & Co., LLC.

Regards,

Stephen L. Pattee, P.G.
Regulatory Manager
Lonquist & Co., LLC

(512) 600-1774
steve@lonquist.com

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: _____Secondary Recovery _____Pressure Maintenance ___X___Disposal _____Storage
Application qualifies for administrative approval? ___X___Yes _____No

II. OPERATOR: 3Bear Field Services, LLC

ADDRESS: 415 W. Wall St., Suite 1212

CONTACT PARTY: Kevin Burns PHONE: 432-686-2973

III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? _____Yes ___X___No
If yes, give the Division order number authorizing the project: _____

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).

*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: Tyler F. Moehlman TITLE: Consulting Engineer – Agent for 3Bear Field Service

SIGNATURE: _____ DATE: 11/12/2018

E-MAIL ADDRESS: tyler.moehlman@lonquist.com

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: _____

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

Side 2

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

(1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.

(2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.

(3) A description of the tubing to be used including its size, lining material, and setting depth.

(4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

(1) The name of the injection formation and, if applicable, the field or pool name.

(2) The injection interval and whether it is perforated or open-hole.

(3) State if the well was drilled for injection or, if not, the original purpose of the well.

(4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.

(5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

(1) The name, address, phone number, and contact party for the applicant;

(2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;

(3) The formation name and depth with expected maximum injection rates and pressures; and,

(4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

Side 1

INJECTION WELL DATA SHEET

OPERATOR: 3Bear Field Services, LLC

WELL NAME & NUMBER: Kodiak SWD No. 1

WELL LOCATION:	736 FSL & 771' FWL	M	8	19S	33E
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA

Conductor Casing

Hole Size: 26.000"
Casing Size: 20.00"
Cemented with: 328 sacks
or 361 ft³
Top of Cement: surface
Method Determined: circulation

Surface Casing

Hole Size: 17.500"
Casing Size: 13.375"
Cemented with: 1,374 sacks.
or 1,752 ft³
Top of Cement: surface
Method Determined: circulation

Production Casing

Hole Size: 12.250"
Casing Size: 9.625"
Cemented with: 2,079 sacks
or 4,548 ft³
Top of Cement: surface
Method Determined: circulation

Liner

Hole Size: 8.500"
Casing Size: 7.625"
Cemented with: 703 sacks.
or 850 ft³
Top of Cement: 7,440'
Method Determined: calculation
Total Depth: 14,751'

Injection Interval

14,751 feet to 16,500 feet

(Open Hole)

Side 2

INJECTION WELL DATA SHEET

Tubing Size: 5.5", 17 lb/ft, HCL-80, BTC from 0' – 14,650'

Lining Material: Duoline

Type of Packer: 7-5/8" X 5-1/2" Permanent Packer with High Temperature Elastomer and Full Inconel 925 Trim

Packer Setting Depth: 14,650'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? ___X___Yes _____No

   If no, for what purpose was the well originally drilled?

   _____

2. Name of the Injection Formation: Devonian, Fusselman, Montoya (Top 100')

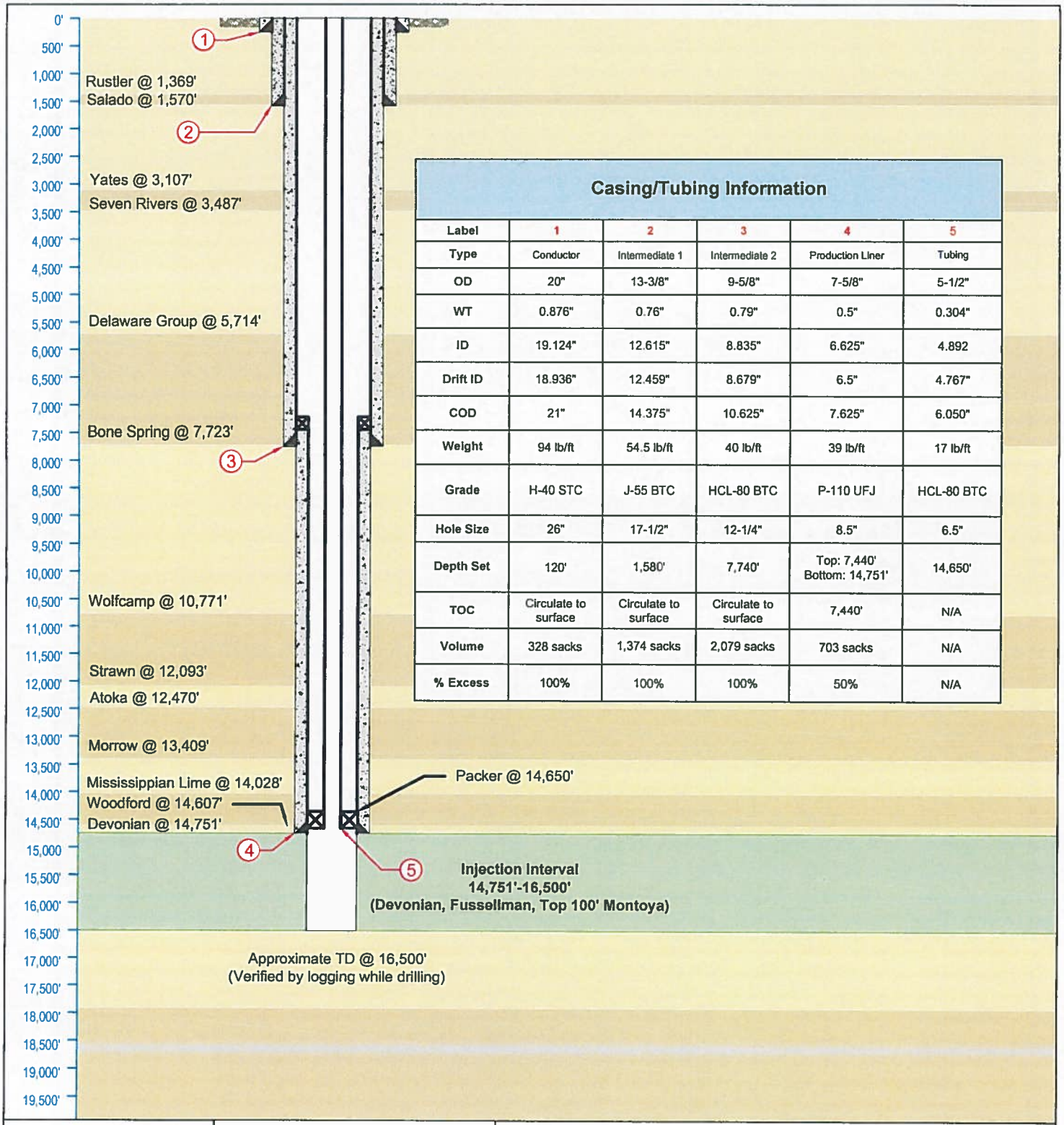
3. Name of Field or Pool (if applicable): SWD: Silurian-Devonian Disposals (Pool Code: 97869)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

   No, new drill.

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

   Yates-Seven Rivers: 3,487'
   Delaware: 5,714'
   Bone Spring: 7,723'
   Wolfcamp: 10,771'
   Strawn: 12,093'
   Atoka: 12,470'



Casing/Tubing Information

Label	1	2	3	4	5
Type	Conductor	Intermediate 1	Intermediate 2	Production Liner	Tubing
OD	20"	13-3/8"	9-5/8"	7-5/8"	5-1/2"
WT	0.876"	0.76"	0.79"	0.5"	0.304"
ID	19.124"	12.615"	8.835"	6.625"	4.892
Drift ID	18.936"	12.459"	8.679"	6.5"	4.767"
COD	21"	14.375"	10.625"	7.625"	6.050"
Weight	94 lb/ft	54.5 lb/ft	40 lb/ft	39 lb/ft	17 lb/ft
Grade	H-40 STC	J-55 BTC	HCL-80 BTC	P-110 UFJ	HCL-80 BTC
Hole Size	26"	17-1/2"	12-1/4"	8.5"	6.5"
Depth Set	120'	1,580'	7,740'	Top: 7,440' Bottom: 14,751'	14,650'
TOC	Circulate to surface	Circulate to surface	Circulate to surface	7,440'	N/A
Volume	328 sacks	1,374 sacks	2,079 sacks	703 sacks	N/A
% Excess	100%	100%	100%	50%	N/A

LONQUIST & CO. LLC
PETROLEUM ENGINEERS | ENERGY ADVISORS
HOUSTON | CALGARY
AUSTIN | WICHITA | DENVER

Texas License F-9147

12912 Hill Country Blvd. Ste F-200
Austin, Texas 78738
Tel: 512.732.9812
Fax: 512.732.9816

3Bear Field Services, LLC	Kodiak SWD No. 1		
Country: USA	**State/Province:** New Mexico	**County/Parish:** Lea	
Location:	**Site:** 736' FSL 771' FWL	**Survey:** S8-T19S-R33E	
API No: NA	**Field:**	**Well Type/Status:** SWD	
NMOCD District No: 1	**Project No:** 1773	**Date:** 11/05/2018	
Drawn: TFM	**Reviewed:**	**Approved:**	
Rev No: 1	**Notes:**		

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised July 18, 2013

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address	2. OGRID Number
3BEAR FIELD SERVICES, LLC 415 W. WALL ST., STE 1212 MIDLAND, TEXAS 79701	372603
	3. API Number 30-015-TBD

4. Property Code	5. Property Name	6. Well No.
	KODIAK	1

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
M	8	19S	33E		736	S	771	W	LEA

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
	-	-	-		-	-	-	-	-

9. Pool Information

Pool Name	Pool Code
SWD; Silurian-Devonian	97869

Additional Well Information

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation
N	SWD	R	Private	3,655.32
16. Multiple	**17. Proposed Depth**	**18. Formation**	**19. Contractor**	**20. Spud Date**
N	16,500'	Devonian, Fusselman, Montoya	TBD	ASAP

Depth to Ground water	Distance from nearest fresh water well	Distance to nearest surface water
110'	154'	> 1 mile

☒ **We will be using a closed-loop system in lieu of lined pits**

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Conductor	26"	20"	94 lb/ft	120'	328	Surface
Surface	17-1/2"	13-3/8"	54.5 lb/ft	1,580'	1,374	Surface
Production	12-1/4"	9-5/8"	40 lb/ft	7,740'	2,079	Sufrace
Liner	8-1/2"	7-5/8"	39 lb/ft	7,440'-14,751'	703	7,440'
Tubing	6-1/2"	5.5"	17 lb/ft	14,650'		

Casing/Cement Program: Additional Comments

See attached schematic.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Hydrualic/Blinds, Pipe	10,000 psi	8,000 psi	TBD – Schaffer/Cameron

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. **I further certify that I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☒, if applicable.** Signature:	OIL CONSERVATION DIVISION Approved By:
Printed name: Tyler Moehlman	Title:
Title: Consulting Engineer	Approved Date: / Expiration Date:
E-mail Address: tyler.moehlman@lonquist.com	
Date: November 12, 2018 / Phone: 713-987-4144	Conditions of Approval Attached

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazon Road, Artec, NM 87410
District IV
1220 S. St Francis Dr., NM 87505
Phone: (505) 476-3460 Fax (505) 476-3462

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
	97869	SWD; Silurian-Devonian

[4] Property Code	[5] Property Name	[6] Well Number
	KODIAK SWD	#1

[7] OGRID No.	[8] Operator Name	[9] Elevation
372603	3BEAR FIELD SERVICES, LLC	3655.32'

[10] Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	8	19 S	33 E		736	SOUTH	771	WEST	LEA

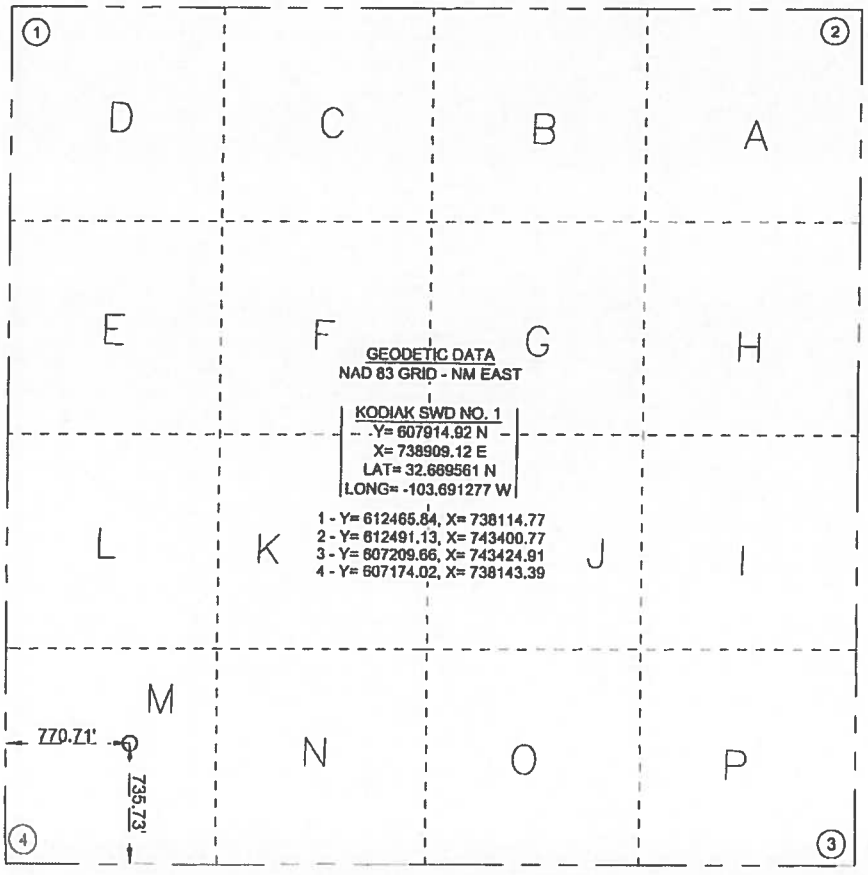
[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

[16]



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

11/12/2018
Signature Date

Tyler Moehlman 11/12/2018
Printed Name Date

tyler.moehlman@lonquist.com 11/12/2018
Email Address Date

[18] SURVEYOR CERTIFICATION

I hereby certify that the well location shown on thi plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

12 Nov 2018
Date of Survey Date

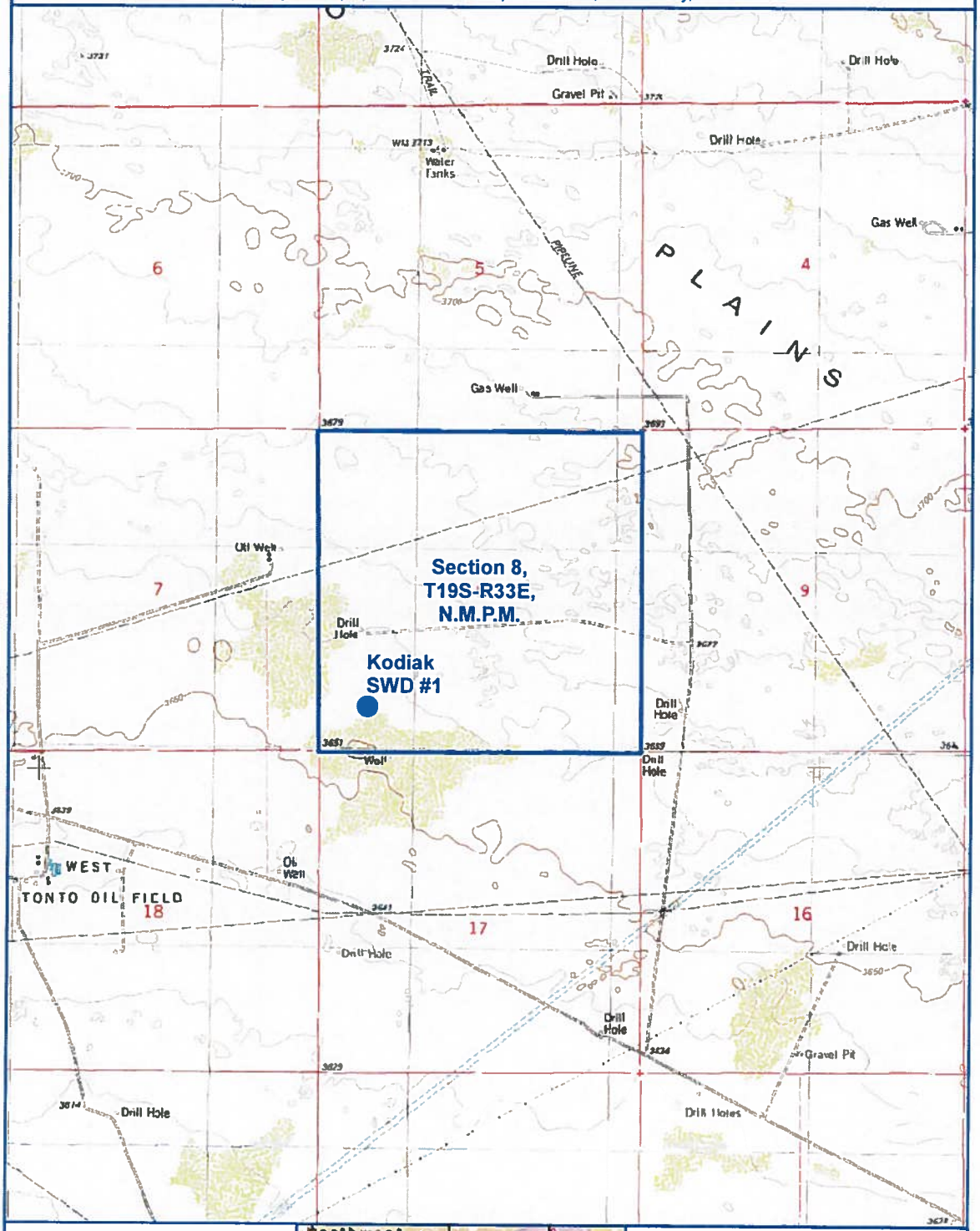
Signature and Seal of Professional Surveyor:

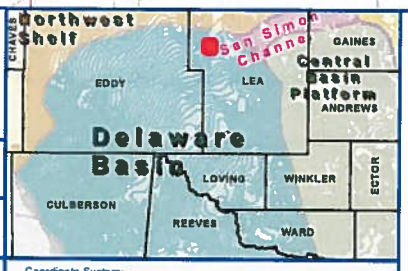
JEFFREY E. HUDSON
NEW MEXICO
20559
PROFESSIONAL SURVEYOR

Certificate Number
20559

LOCATION VERIFICATION MAP

Section eight (8), Township nineteen (19) South,
Range thirty-three (33) East of the Principal Meridian, Lea County, New Mexico





Map Tech: VKV	1 " = 2,000 '
Date: 11/8/2018	1:24,000

0.2 0.1 0 0.2 0.4 Miles

1,000 500 0 1,000 2,000 Feet

TRANSGLOBAL SERVICES LLC
1100 Macon Street
Fort Worth, Texas 76102

Coordinate System:
NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Projection: Transverse Mercator
Datum: North American 1983
False Easting: 541,337.5000
False Northing: 0.0000
Central Meridian: -104.3333
Scale Factor: 0.9999
Latitude Of Origin: 31.0000
Units: Foot US

N W E S

KODIAK SWD #1

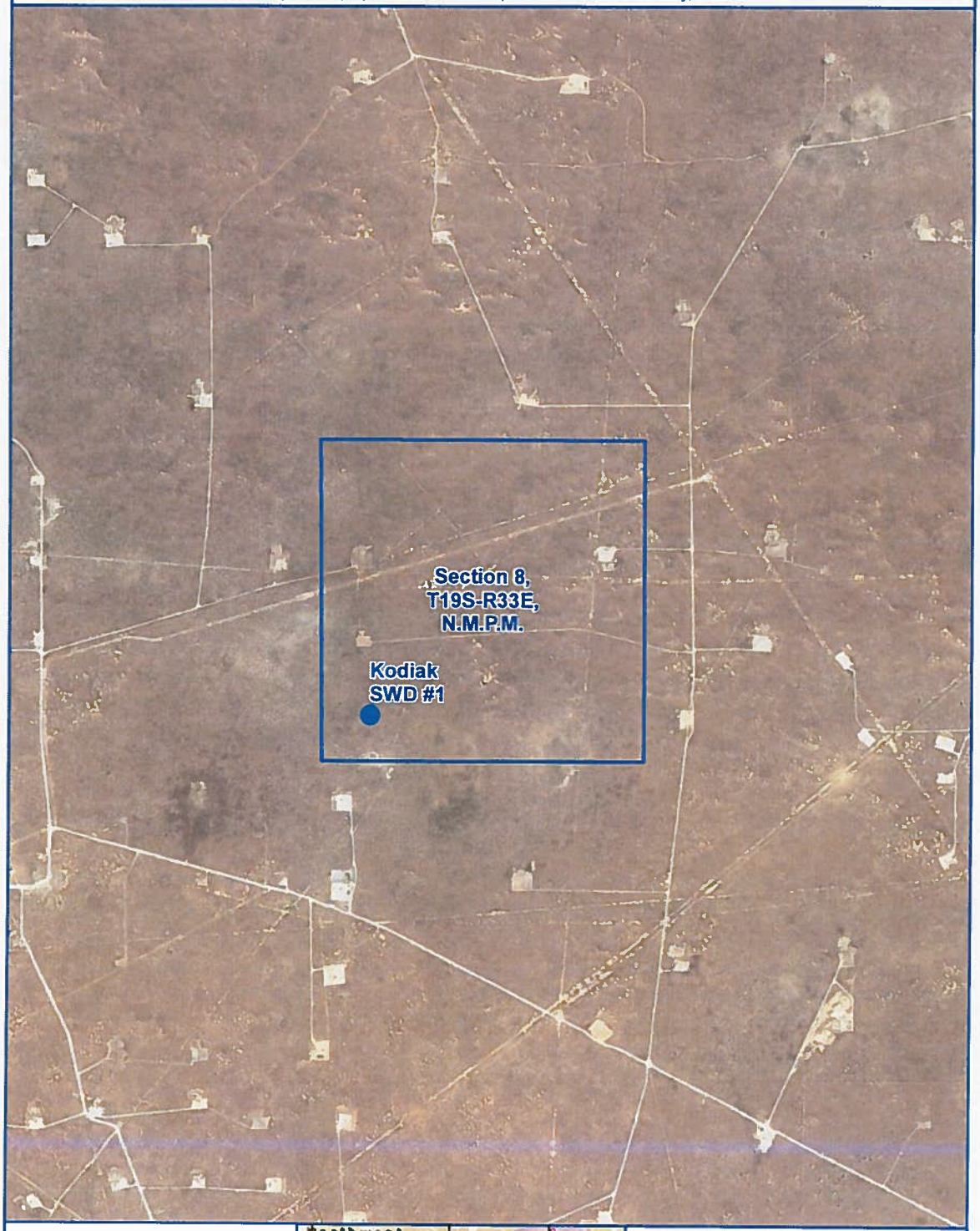
SHL Location & Penetration Point:
736' FSL & 771' FWL
Section 8, Township 19 South,
Range 33 East of P.M.
Lea County, New Mexico

OPERATOR:
3BEAR FIELD SERVICES, LLC

3Bear Energy

AERIAL MAP

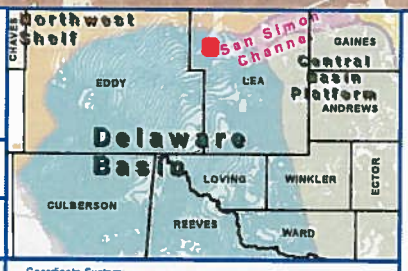
Section eight (8), Township nineteen (19) South,
Range thirty-three (33) East of the Principal Meridian, Lea County, New Mexico



0.2 0.1 0 0.2 0.4 Miles

1,000 500 0 1,000 2,000 Feet

Map Tech: VKV	1 " = 2,000 '
Date: 11/8/2018	1:24,000



TRANSGLOBAL SERVICES LLC

1100 Macon Street
Fort Worth, Texas 76102

Coordinate System:
NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Projection: Transverse Mercator
Datum: North American 1983
False Easting: 541,337.5000
False Northing: 0.0000
Central Meridian: -104.3333
Scale Factor: 0.9999
Latitude Of Origin: 31.0000
Units: Foot US

N W E S

KODIAK SWD #1

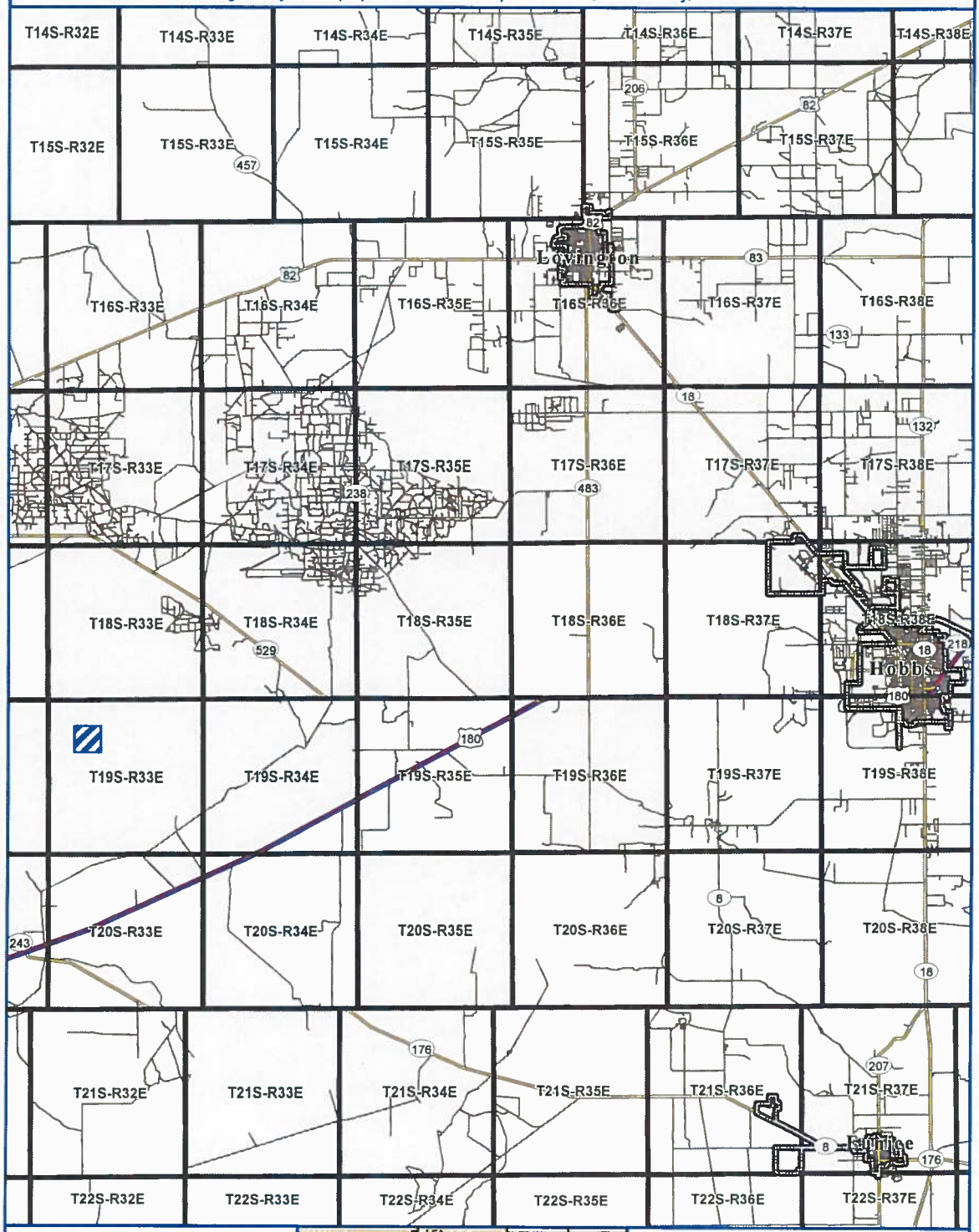
SHL Location & Penetration Point:
736' FSL & 771' FWL
Section 8, Township 19 South,
Range 33 East of P.M.
Lea County, New Mexico

OPERATOR:
3BEAR FIELD SERVICES, LLC

3Bear Energy

VICINITY MAP

Section eight (8), Township nineteen (19) South,
Range thirty-three (33) East of the Principal Meridian, Lea County, New Mexico



Miles: 5 2.5 0 5
Feet: 25,000 12,500 0 25,000

Map Tech: VKV	1 " = 25,000 '
Date: 11/8/2018	1:300,000

TRANSGLOBAL SERVICES LLC
1100 Macon Street
Fort Worth, Texas 76102

Coordinate System:
NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Projection: Transverse Mercator
Datum: North American 1983
False Easting: 541,337.5000
False Northing: 0.0000
Central Meridian: -104.3333
Scale Factor: 0.9999
Latitude Of Origin: 31.0000
Units: Foot US

N W E S

KODIAK SWD #1

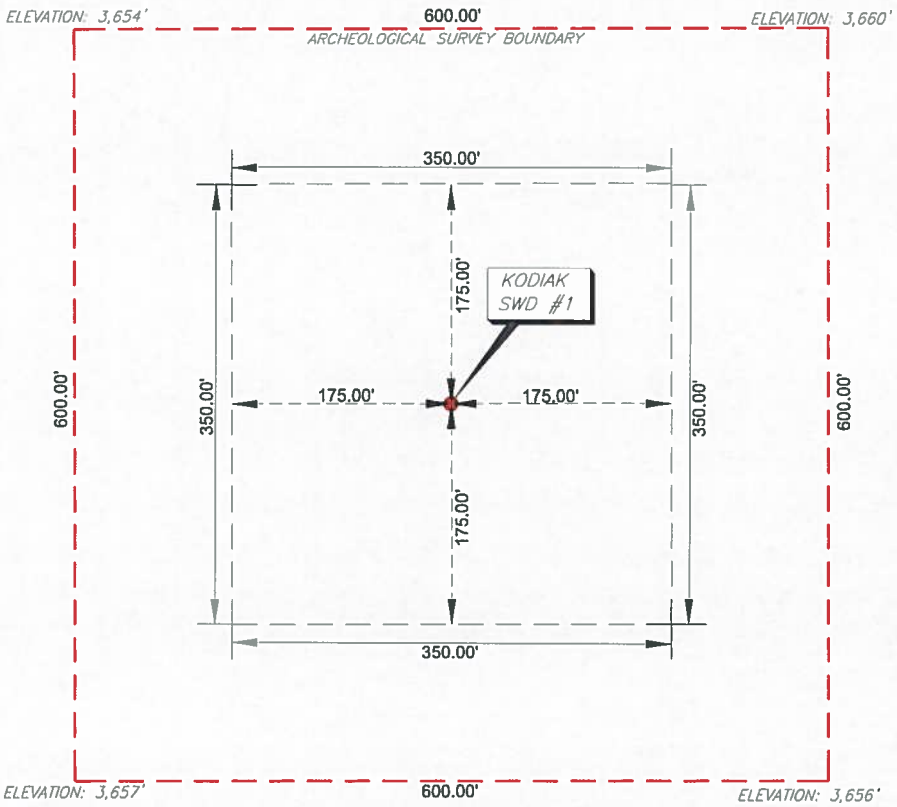
SHL Location & Penetration Point:
736' FSL & 771' FWL
Section 8, Township 19 South,
Range 33 East of P.M.
Lea County, New Mexico

OPERATOR:
3BEAR FIELD SERVICES, LLC

3Bear Energy

LEA COUNTY, NEW MEXICO

SECTION EIGHT (8), TOWNSHIP NINETEEN (19) SOUTH, RANGE THIRTY-THREE (33) EAST OF THE PRINCIPAL MERIDIAN



COORDINATE TABLE				
WELL NAME	NORTHING (N.A.D. 27)	EASTING (N.A.D. 27)	NORTHING (N.A.D. 83)	EASTING (N.A.D. 83)
KODIAK SWD #1 SURFACE LOCATION & PENETRATION POINT	607851.67	697729.56	607914.92	738909.12
ELEVATION	LATITUDE (N.A.D. 27)	LONGITUDE (N.A.D. 27)	LATITUDE (N.A.D. 83)	LONGITUDE (N.A.D. 83)
3,655.32'	32.669439	-103.690778	32.669561	-103.691277

THE KODIAK SWD #1 IS LOCATED APPROXIMATELY 25 MILES NORTHWEST OF MONUMENT, NEW MEXICO

100' 0' 100' 200 FEET

SCALE: 1" = 100'

NOTES:

1.) BEARINGS & COORDINATES SHOWN HEREON ARE REFERENCED TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, N.A.D. 27 & 83 DATUM (NEW MEXICO EAST ZONE) DERIVED FROM GPS OBSERVATIONS AND ARE BASED REFERENCE STATIONS - "E 148" - MALJAMAR NE (1985)

2.) LATITUDE & LONGITUDE ARE NAD 83 & 27 GEOGRAPHIC.

3.) THIS IS AN WELL PLAT AND DOES NOT REPRESENT A TRUE BOUNDARY SURVEY. THIS SURVEY IS BASED ON OWNERSHIP AND EASEMENT INFORMATION PROVIDED BY APACHE CORPORATION. SURVEYOR DID NOT ABSTRACT SUBJECT TRACT AND THERE MAY BE EASEMENTS OR OTHER ENCUMBRANCES THAT AFFECT THE SUBJECT TRACT THAT ARE NOT SHOWN HEREON.

TRANSGLOBAL SERVICES LLC
1100 Macon Street
Fort Worth, Texas 76102
(817) 529-1180 - Fax (817) 529-1181

3Bear Energy

Location of

KODIAK SWD #1

Surface Location & Penetration Point: 736' FSL & 771' FWL

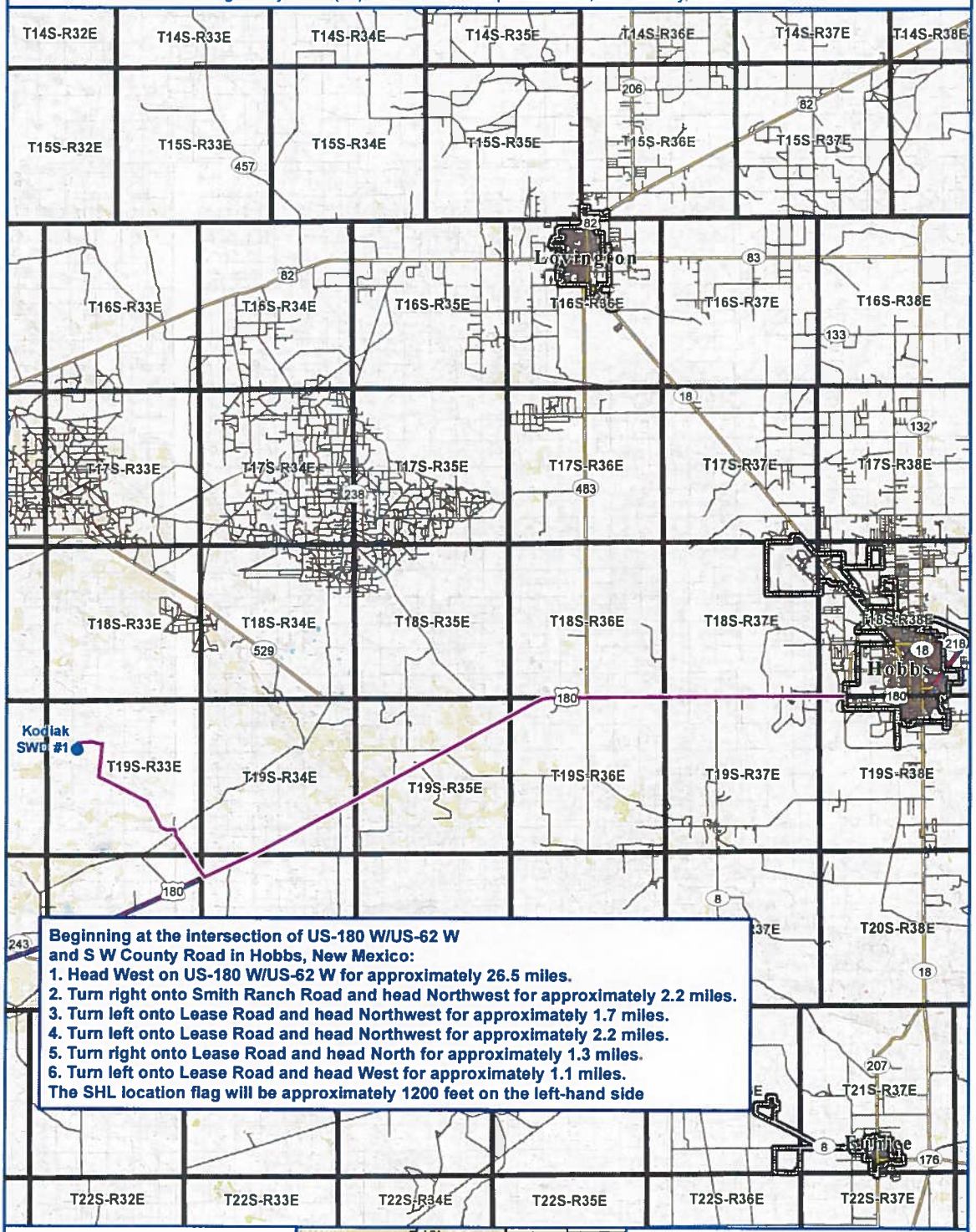
Section 8, Township 19 South, Range 33 East of P.M.

Lea County, New Mexico

DRAWN BY: JWP	DATE: 11-7-2018	DWG. NO.	REV.
CHECKED BY: JLW	DATE: 11-7-2018	D:\Dropbox (Tide Resources)\Tide Resources Team Folder\Longulot\810011_Kodiak SWD #1\Exhibits PAGE 1 OF 1	1
SCALE: 1" = 100'	APP.:		

ROAD ROUTE MAP

Section eight (8), Township nineteen (19) South,
Range thirty-three (33) East of the Principal Meridian, Lea County, New Mexico

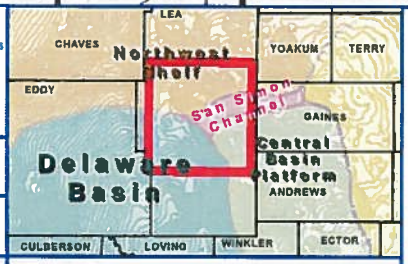


Beginning at the intersection of US-180 W/US-62 W and S W County Road in Hobbs, New Mexico:

1. Head West on US-180 W/US-62 W for approximately 26.5 miles.
2. Turn right onto Smith Ranch Road and head Northwest for approximately 2.2 miles.
3. Turn left onto Lease Road and head Northwest for approximately 1.7 miles.
4. Turn left onto Lease Road and head Northwest for approximately 2.2 miles.
5. Turn right onto Lease Road and head North for approximately 1.3 miles.
6. Turn left onto Lease Road and head West for approximately 1.1 miles.

The SHL location flag will be approximately 1200 feet on the left-hand side

Miles: 5 2.5 0 5
Feet: 25,000 12,500 0 25,000



Map Tech: VKV	1 " = 25,000 '
Date: 11/8/2018	1:300,000

TRANSGLOBAL SERVICES LLC

1100 Macon Street
Fort Worth, Texas 76102

Coordinate System:
NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Projection: Transverse Mercator
Datum: North American 1983
False Easting: 541,337.5000
False Northing: 0.0000
Central Meridian: -104.3333
Scale Factor: 0.9999
Latitude Of Origin: 31.0000
Units: Foot US

N W E S

KODIAK SWD #1

SHL Location & Penetration Point:
736' FSL & 771' FWL
Section 8, Township 19 South,
Range 33 East of P.M.
Lea County, New Mexico

OPERATOR:
3BEAR FIELD SERVICES, LLC

3Bear Energy

3Bear Field Services, LLC

Kodiak SWD No. 1

FORM C-108 Supplemental Information

III. Well Data

A. Wellbore Information

1.

Well information	
Lease Name	Kodiak SWD
Well No.	1
Location	S-8 T-19S R-33E
Footage Location	736' FSL & 771' FWL

2.

a. Wellbore Description

Casing Information				
Type	Conductor	Intermediate	Intermediate 2	Production Liner
OD	20"	13-3/8"	9-5/8"	7-5/8"
WT	0.876"	0.76"	0.79"	0.5"
ID	19.124"	12.615"	8.835"	6.625"
Drift ID	18.936"	12.459"	8.679"	6.5"
COD	21"	14.375"	10.625"	7.625"
Weight	94 lb/ft	54.5 lb/ft	40 lb/ft	39 lb/ft
Grade	H-40 STC	J-55 BTC	HCL-80 BTC	P-110 UFJ
Hole Size	26"	17.5"	12.25"	8.5"
Depth Set	120'	1,580'	7,740'	7,440'-14,751'

b. Cementing Program

Cement Information				
Casing String	Conductor	Intermediate 1	Intermediate 2	Liner
Lead Cement	Class H	HalCem	Stage 1: NeoCem Stage 2: NeoCem Stage 3: ExtendaCem	VERSACEM w/ gas migration control additives
Lead Cement Volume	328 sks	1,017 sks	Stage 1: 375 sks Stage 2: 782 sks Stage 3: 375 sks	703 sks
Tail Cement	-	HalCem	Stage 1: HalCem Stage 2: HalCem	Halcem
Tail Cement Volume	-	357 sks	Stage 1: 500 sks Stage 2: 47 sks	
Cement Excess	100%	100%	100%	50%
TOC	Surface	Surface	Surface	7,340'
Method	Circulate to Surface	Circulate to Surface	Circulate to Surface	Logged

3. Tubing Description

OD	5.5"
WT	0.304"
ID	4.892"
Drift ID	4.767"
Weight	17 lb/ft
Grade	HCL-80 BTC
Depth Set	0'-14,650'

Tubing will be lined with Duoline.

4. Packer Description

7-5/8" x 5-1/2" TCPC Permanent Packer with High Temp Elastomer and Full Inconel 925 trim

B. Completion Information

1. Injection Formation: Devonian, Fusselman, Montoya (Top 100')

2. Gross Injection Interval: 14,751' – 16,500'

   Completion Type: Open Hole

3. Drilled for injection.

4. See the attached wellbore schematic.

5. Oil and Gas Bearing Zones within area of well:

Formation	Depth
Yates-Seven Rivers	3,487'
Delaware	5,714'
Bone Spring	7,723'
Wolfcamp	10,771'
Strawn	12,093'
Atoka	12,470'

VI. Area of Review

No wells within the area of review penetrate the proposed injection zone.

VII. Proposed Operation Data

1. Proposed Daily Rate of Fluids to be Injection:

   Average Volume: 20,000 BPD
   Maximum Volume: 25,000 BPD

2. Closed System

3. Anticipated Injection Pressure:

   Average Injection Pressure: 2,213 PSI (surface pressure)
   Maximum Injection Pressure: 2,950 PSI (surface pressure)

4. The injection fluid is to be locally produced water. It is expected that the source water will predominantly be from the Bone Spring and Wolfcamp formations. Attached are produced water sample analyses taken from the closest wells that feature samples from the Delaware, Bone Spring, Wolfcamp, and Strawn formations.

5. The disposal interval is non-productive. No water samples are available from the surrounding area.

VIII. Geological Data

Devonian Formation Lithology:

The Devonian formation is a dolomitic ramp carbonate that occurs below the Woodford shale and above the Fusselman formation. Strata found in the Devonian formation include two major groups, the Wristen Buildups and the Thirtyone Deepwater Chert, with the Wristen being more abundant. The Wristen Groups is composed of mixed limestone and dolomites with mudstone to grainstone and boundstone textures. Porosity in the Wristen group is a result of both primary and secondary development. Present are moldic, vugular, karstic (including collapse breccia) features that allow for higher porosities and permeabilities. The Thirtyone Formation contains two end-member reservoir facies, skeletal packstones/grainstones and spiculitic chert, with most of the porosity and permeability found in the coarsely crystalline cherty dolomite. These particular characteristics allow for this formation to be a tremendous Salt Water Disposal horizon.

Fusselman Formation Lithology:

The Silurian/Ordovician Fusselman Formation is stratigraphically below the Wristen Group and is above and separated from the Montoya Formation by the Sylvan Shale. The Sylvan Shale is the lower confining layer for the proposed Kodiak SWD No. 1 well. Fusselman facies include a laminated skeletal wackestone in the upper part and a buildup complex in the lower part composed of ooid and bryozoan grainstones. These grainstones can also be potentially prolific zones for disposal.

Montoya Formation Lithology:

The Montoya Group of Late Ordovician age unconformably overlies the Simpson Group. The Montoya is composed of light gray to medium-dark gray, fine- to medium-crystalline, calcareous dolomite, some units of which are interbedded with shale or dark-gray limestone and some units of which contain white to very light-gray chert. The Montoya carbonate limestone dolomite sequence is dense, impermeable, and non-porous.

A. Injection Zone: Siluro-Devonian Formation

Formation	Depth
Rustler	1,369'
Salado	1,570
Yates	3,107'
Seven Rivers	3,487'
Delaware	5,714'
Bone Spring	7,723'
Wolfcamp	10,771'
Strawn	12,093'
Atoka	12,470'
Morrow	13,409'
Mississippian Lime	14,028'
Woodford	14,607'
Devonian	14,751'

B. Underground Sources of Drinking Water

Within 1-mile of the proposed Kodiak SWD No. 1 location, there is one water well. The water well has been reported of having a depth of 110 ft. Water wells in the surrounding area have an average depth of 265 ft and an average water depth of 182 ft.

IX. Proposed Stimulation Program

No stimulation program planned.

X. Logging and Test Data on the Well

There are no logs or test data on the well. During the process of drilling and completion resistivity, gamma ray, and density logs will be run.

XI. Chemical Analysis of Fresh Water Wells

Attached is a map of all water wells that exist within one mile of the well location. One water well lies within a 1-mile radius of the Kodiak SWD No. 1. A Water Right Summary from the New Mexico Office of the State Engineer is attached for water well CP-00810-POD1. Water samples for the CP-00810-POD1 were attempted to be retrieved but the sample test was a dry run.

Kodiak SWD No. 1
1 Mile Area of Review List

API (30-025-...)	WELL NAME	WELL TYPE	STATUS	OPERATOR	TVD (FT.)	LATITUDE (NAD83 DD)	LONGITUDE (NAD83 DD)	DATE DRILLED	FIELD
01664	PRE-ONGARD WELL #001	O	P	PRE-ONGARD WELL OPERATOR	3591	32.6729507000	-103.6916584000	1/1/1900	
01665	PRE-ONGARD WELL #001	O	P	PRE-ONGARD WELL OPERATOR	3610	32.6693077000	-103.6745148000	1/1/1900	
01669	FEDERAL 18 #002	O	P	MACK ENERGY CORP	3175	32.6620750000	-103.7045441000	12/31/9999	[59490] TONTO, YATES-SEVEN RIVERS, WEST
01670	PRE-ONGARD WELL #003	O	P	PRE-ONGARD WELL OPERATOR	3283	32.6620712000	-103.7002716000	1/1/1900	[59490] TONTO, YATES-SEVEN RIVERS, WEST
01671	FEDERAL 18 #004	S	A	CDG OPERATING LLC	3450	32.6620674000	-103.6959833900	5/4/1995	[59490] TONTO, YATES-SEVEN RIVERS, WEST; [96131] SWD, SEVEN RIVERS
01673	PRE-ONGARD WELL #006	O	P	PRE-ONGARD WELL OPERATOR	3330	32.6647949000	-103.7045288800	1/1/1900	
20699	PRE-ONGARD WELL #008	O	P	PRE-ONGARD WELL OPERATOR	3330	32.6647911000	-103.6970444000	1/1/1900	
23668	PRE-ONGARD WELL #001	O	C	PRE-ONGARD WELL OPERATOR	0	32.6584462018	-103.7003103561	12/31/9999	
24624	PRE-ONGARD WELL #001	O	P	PRE-ONGARD WELL OPERATOR	3500	32.6584473000	-103.6937719001	1/1/1900	
25470	INEXCO AHY FEDERAL #001	G	A	EOG Y RESOURCES, INC.	13649	32.6765785000	-103.6959457001	12/31/9999	[73000] BUFFALO, PENN (GAS)
25912	PRE-ONGARD WELL #004	O	P	PRE-ONGARD WELL OPERATOR	13700	32.6765747000	-103.6916504001	1/1/1900	[59475] TONTO, BONE SPRING
26469	PRE-ONGARD WELL #001	G	P	PRE-ONGARD WELL OPERATOR	13670	32.6650990000	-103.7002640001	1/1/1900	[73000] BUFFALO, PENN (GAS)
26799	NELLIS C FEDERAL GAS COM #001	G	A	LEGACY RESERVES OPERATING, LP	13701	32.6765671000	-103.6787796001	4/28/1980	[73000] BUFFALO, PENN (GAS)
29880	PRE-ONGARD WELL #001	O	C	PRE-ONGARD WELL OPERATOR	0	32.6620510707	-103.6799110281	12/31/9999	
30546	HUDSON FEDERAL #001	O	P	YATES ENERGY CORP	13720	32.6620560000	-103.6831131001	12/31/9999	[27210] GEM, WOLFCAMP, NORTH
32973	FEDERAL 7 #004	O	C	RAY WESTALL	0	32.6768552258	-103.7047188881	12/31/9999	
34707	KUDU 9 FEDERAL COM #001	G	A	CHISHOLM ENERGY OPERATING, LLC	13770	32.6693077000	-103.6745148001	11/3/1999	[73000] BUFFALO, PENN (GAS); [77370] GEM, MORROW (GAS)
39870	SPYGLASS 17 FEDERAL COM #001H	O	A	MEWBOURNE OIL CO	9966	32.6616364000	-103.6927643001	1/1/2011	[59475] TONTO, BONE SPRING
40185	SPYGLASS 17 FEDERAL #002H	O	A	MEWBOURNE OIL CO	9973	32.6656914000	-103.6927490001	8/2/2011	[59475] TONTO, BONE SPRING
40589	NORTE 18 FEDERAL #001C	O	C	MEWBOURNE OIL CO	0	32.6626854000	-103.7099533001	12/31/9999	[59475] TONTO, BONE SPRING
41701	EXCALIBUR 17 LI FEDERAL COM #001H	O	A	MEWBOURNE OIL CO	9967	32.6576767000	-103.6931686001	7/2/2014	[59475] TONTO, BONE SPRING

FedEx

Shipment Receipt

Address Information

Ship to:
OIL CONSERVATION DIVISION
DISTRICT I
1625 N FRENCH DRIVE

HOBBS, NM
88240
US
5753936161

Ship from:
tyler moehlman
LONQUIST FIELD SERVICE LLC
1001 McKinney, Suite 1650

Houston, TX
77002
US
7135599998

Shipment Information:
Tracking no.: 773705591221
Ship date: 11/12/2018
Estimated shipping charges: 27.38 USD

Package Information
Pricing option: FedEx Standard Rate
Service type: Standard Overnight
Package type: FedEx Envelope
Number of packages: 1
Total weight: 0.50 LBS
Declared Value: 0.00 USD
Special Services:
Pickup/Drop-off: Use an already scheduled pickup at my location

Billing Information:
Bill transportation to: MyAccount-089
Your reference: 1773-C101,C102
P.O. no.:
Invoice no.:
Department no.:

Thank you for shipping online with FedEx ShipManager at fedex.com.

Please Note

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

KENNETH SMITH INC
257 SMITH RANCH ROAD
HOBBS, NM 88240

1773-KODIAK #1

9590 9402 4057 8079 2006 84

2. Article Number *(Transfer from service label)*
7017 2680 0000 7062 8855

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* | C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ Insured Mail Restricted Delivery (over $500)
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS, FOLD AT DOTTED LINE
CERTIFIED MAIL®

7017 2680 0000 7062 8855
7017 2680 0000 7062 8855

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee
$

Extra Services & Fees *(check box, add fee as appropriate)*
- ☐ Return Receipt (hardcopy) $
- ☐ Return Receipt (electronic) $
- ☐ Certified Mail Restricted Delivery $
- ☐ Adult Signature Required $
- ☐ Adult Signature Restricted Delivery $

Postage
$

Total
$

Sent To
KENNETH SMITH INC
257 SMITH RANCH ROAD
HOBBS, NM 88240

Street
1773-KODIAK #1

City

Postmark Here

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

LEGACY RESERVES OPERATING LP
303 W WALL, STE 7500
MIDLAND, TX 79701

1773-KODIAK #1

9590 9402 4057 8079 2003 18

2. Article Number *(Transfer from service label)*
7017 2680 0000 7062 9326

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
- ☒ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ Insured Mail Restricted Delivery (over $500)
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS. FOLD AT DOTTED LINE
CERTIFIED MAIL®

7017 2680 0000 7062 9326

7017 2680 0000 7062 9326

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.

OFFICIAL USE

Certified Mail Fee
$

Extra Services & Fees *(check box, add fee as appropriate)*
- ☐ Return Receipt (hardcopy) $
- ☐ Return Receipt (electronic) $
- ☐ Certified Mail Restricted Delivery $
- ☐ Adult Signature Required $
- ☐ Adult Signature Restricted Delivery $

Postage
$

Total P
$

Sent T

Street

City, S

Postmark Here

LEGACY RESERVES OPERATING LP
303 W WALL, STE 7500
MIDLAND, TX 79701

1773-KODIAK #1

PS Form 3800, April 2015 PSN 7530-02-000-0047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

CHEVRON MIDCONTINENT LP
6301 DEAUVILLE
MIDLAND, TX 79706

1773-KODIAK #1

9590 9402 4057 8079 2003 01

2. Article Number *(Transfer from service label)*
7017 2680 0000 7062 9319

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* | C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
- ☒ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ Insured Mail Restricted Delivery (over $500)
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS, FOLD AT DOTTED LINE
CERTIFIED MAIL®

7017 2680 0000 7062 9319

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.

OFFICIAL USE

Certified Mail Fee
$
Extra Services & Fees *(check box, add fee as appropriate)*
- ☐ Return Receipt (hardcopy) $
- ☐ Return Receipt (electronic) $
- ☐ Certified Mail Restricted Delivery $
- ☐ Adult Signature Required $
- ☐ Adult Signature Restricted Delivery $

Postage
$
Total
$
Sent
Street
City,

Postmark Here

CHEVRON MIDCONTINENT LP
6301 DEAUVILLE
MIDLAND, TX 79706

1773-KODIAK #1

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

COG OPERATING LLC

600 W ILLINOIS AVE
MIDLAND, TX 79701
1773-KODIAK #1

9590 9402 4057 8079 2005 09

2. Article Number *(Transfer from service label)*
7017 2680 0000 7062 8954

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
- ☒ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ Insured Mail Restricted Delivery (over $500)
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS, FOLD AT DOTTED LINE
CERTIFIED MAIL®

7017 2680 0000 7062 8954
7017 2680 0000 7062 8954

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.

OFFICIAL USE

Certified Mail Fee
$

Extra Services & Fees *(check box, add fee as appropriate)*
- ☐ Return Receipt (hardcopy) $
- ☐ Return Receipt (electronic) $
- ☐ Certified Mail Restricted Delivery $
- ☐ Adult Signature Required $
- ☐ Adult Signature Restricted Delivery $

Postage
$

Total
$

Sent
Stree
City,

Postmark Here

COG OPERATING LLC

600 W ILLINOIS AVE
MIDLAND, TX 79701
1773-KODIAK #1

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

CHISHOLM ENERGY OPERATING LLC
801 CHERRY STREET
FT WORTH TX 76102

1773-KODIAK #1

9590 9402 4057 8079 2001 65

2. Article Number (Transfer from service label)
7017 2680 0000 7062 9098

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
- ☑ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☑ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ Insured Mail Restricted Delivery (over $500)
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS, FOLD AT DOTTED LINE
CERTIFIED MAIL®

7017 2680 0000 7062 9098
7017 2680 0000 7062 9098

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee
$

Extra Services & Fees (check box, add fee as appropriate)
- ☐ Return Receipt (hardcopy) $
- ☐ Return Receipt (electronic) $
- ☐ Certified Mail Restricted Delivery $
- ☐ Adult Signature Required $
- ☐ Adult Signature Restricted Delivery $

Postage
$

Total I
$

Sent t

Street

City, S

Postmark Here

CHISHOLM ENERGY OPERATING LLC
801 CHERRY STREET
FT WORTH TX 76102

1773-KODIAK #1

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions