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Form 3160-3
(March 2012)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires October 31, 2014

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: ☑ DRILL ☐ REENTER	5. Lease Serial No. NMNM0160973
1b. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Other ☑ Single Zone ☐ Multiple Zone	6. If Indian, Allotee or Tribe Name
2. Name of Operator BTA OIL PRODUCERS LLC (260297)	7. If Unit or CA Agreement, Name and No.
3a. Address 104 S. Pecos Midland TX 79701	8. Lease Name and Well No. MESA B 8115 7 6H (321506)
3b. Phone No. (include area code) (432)682-3753	9. API Well No. 30-025-44886
4. Location of Well (Report location clearly and in accordance with any State requirements.*) At surface SWSW / 200 FSL / 530 FWL / LAT 32.051329 / LONG -103.618101 At proposed prod. zone NWNW / 50 FNL / 660 FWL / LAT 32.065156 / LONG -103.61768	10. Field and Pool, or Exploratory (97994) WC 025 G 06 S253329D / UPPER BN SI
	11. Sec., T. R. M. or Blk. and Survey or Area SEC 7 / T26S / R33E / NMP
14. Distance in miles and direction from nearest town or post office* 25 miles	12. County or Parish LEA / 13. State NM
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 50 feet	16. No. of acres in lease 1238.72 / 17. Spacing Unit dedicated to this well 157
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 1414 feet	19. Proposed Depth 9670 feet / 14496 feet / 20. BLM/BIA Bond No. on file FED: NM1195
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3228 feet	22. Approximate date work will start* 02/01/2018 / 23. Estimated duration 45 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature (Electronic Submission)	Name (Printed/Typed) Kayla McConnell / Ph: (432)682-3753	Date 05/23/2017
Title Regulatory Analyst		
Approved by (Signature) (Electronic Submission)	Name (Printed/Typed) Cody Layton / Ph: (575)234-5959	Date 06/01/2018
Title Supervisor Multiple Resources	Office CARLSBAD	

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

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

*(Instructions on page 2)

Rec GCP 06/08/18

APPROVED WITH CONDITIONS

Approval Date: 06/01/2018

KZ
06/12/18

Double Sided

INSTRUCTIONS

GENERAL: This form is designed for submitting proposals to perform certain well operations, as indicated on Federal and Indian lands and leases for action by appropriate Federal agencies, pursuant to applicable Federal laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from local Federal offices.

ITEM 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable Federal regulations concerning subsequent work proposals or reports on the well.

ITEM 4: Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local Federal offices for specific instructions.

ITEM 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on the reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal agency offices.

ITEMS 15 AND 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective productive zone.

ITEM 22: Consult applicable Federal regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NOTICES

The Privacy Act of 1974 and regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.
AUTHORITY: 30 U.S.C. 181 et seq., 25 U.S.C. 396; 43 CFR 3160
PRINCIPAL PURPOSES: The information will be used to: (1) process and evaluate your application for a permit to drill a new oil, gas, or service well or to reenter a plugged and abandoned well; and (2) document, for administrative use, information for the management, disposal and use of National Resource Lands and resources including (a) analyzing your proposal to discover and extract the Federal or Indian resources encountered; (b) reviewing procedures and equipment and the projected impact on the land involved; and (c) evaluating the effects of the proposed operation on the surface and subsurface water and other environmental impacts.
ROUTINE USE: Information from the record and/or the record will be transferred to appropriate Federal, State, and local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecution, in connection with congressional inquiries and for regulatory responsibilities.
EFFECT OF NOT PROVIDING INFORMATION: Filing of this application and disclosure of the information is mandatory only if you elect to initiate a drilling or reentry operation on an oil and gas lease.

The Paperwork Reduction Act of 1995 requires us to inform you that:
The BLM collects this information to allow evaluation of the technical, safety, and environmental factors involved with drilling for oil and/or gas on Federal and Indian oil and gas leases. This information will be used to analyze and approve applications. Response to this request is mandatory only if the operator elects to initiate drilling or reentry operations on an oil and gas lease. The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C Street, N.W., Mail Stop 401 LS, Washington, D.C. 20240.

(Continued on page 3)

Additional Operator Remarks

Location of Well

1. SHL: SWSW / 200 FSL / 530 FWL / TWSP: 26S / RANGE: 33E / SECTION: 7 / LAT: 32.051329 / LONG: -103.618101 (TVD: 0 feet, MD: 0 feet)
   PPP: SWSW / 330 FSL / 596 FWL / TWSP: 26S / RANGE: 33E / SECTION: 7 / LAT: 32.051686 / LONG: -103.61809 (TVD: 9670 feet, MD: 9942 feet)
   BHL: NWNW / 50 FNL / 660 FWL / TWSP: 26S / RANGE: 33E / SECTION: 7 / LAT: 32.065156 / LONG: -103.61768 (TVD: 9670 feet, MD: 14496 feet)

BLM Point of Contact

Name: Sipra Dahal
Title: Legal Instruments Examiner
Phone: 5752345983
Email: sdahal@blm.gov

Review and Appeal Rights

A person contesting a decision shall request a State Director review. This request must be filed within 20 working days of receipt of the Notice with the appropriate State Director (see 43 CFR 3165.3). The State Director review decision may be appealed to the Interior Board of Land Appeals, 801 North Quincy Street, Suite 300, Arlington, VA 22203 (see 43 CFR 3165.4). Contact the above listed Bureau of Land Management office for further information.

AFMSS

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

Operator Certification Data Report

06/04/2018

Operator Certification

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

NAME: Kayla McConnell **Signed on:** 05/23/2017

Title: Regulatory Analyst

Street Address: 104 S. Pecos

City: Midland **State:** TX **Zip:** 79701

Phone: (432)682-3753

Email address: kmcconnell@btaoil.com

Field Representative

Representative Name: Nick Eaton

Street Address: 104 South Pecos

City: Midland **State:** TX **Zip:** 79701

Phone: (432)682-3753

Email address: neaton@btaoil.com

AFMSS

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

Application Data Report

06/04/2018

APD ID: 10400014441 **Submission Date:** 05/23/2017

Operator Name: BTA OIL PRODUCERS LLC

Well Name: MESA B 8115 7 **Well Number:** 6H

Well Type: OIL WELL **Well Work Type:** Drill

Highlighted data reflects the most recent changes

Show Final Text

Section 1 - General

APD ID: 10400014441 **Tie to previous NOS?** 10400011815 **Submission Date:** 05/23/2017

BLM Office: CARLSBAD **User:** Kayla McConnell **Title:** Regulatory Analyst

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

Lease number: NMNM0160973 **Lease Acres:** 1238.72

Surface access agreement in place? **Allotted?** **Reservation:**

Agreement in place? NO **Federal or Indian agreement:**

Agreement number:

Agreement name:

Keep application confidential? YES

Permitting Agent? NO **APD Operator:** BTA OIL PRODUCERS LLC

Operator letter of designation:

Operator Info

Operator Organization Name: BTA OIL PRODUCERS LLC

Operator Address: 104 S. Pecos **Zip:** 79701

Operator PO Box:

Operator City: Midland **State:** TX

Operator Phone: (432)682-3753

Operator Internet Address: pinskeep@btaoil.com

Section 2 - Well Information

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

Well in Master SUPO? NO **Master SUPO name:**

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

Well Name: MESA B 8115 7 **Well Number:** 6H **Well API Number:**

Field/Pool or Exploratory? Field and Pool **Field Name:** WC 025 G 06 S253329D **Pool Name:** UPPER BN SPR SHALE

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

Operator Name: BTA OIL PRODUCERS LLC

Well Name: MESA B 8115 7 **Well Number:** 6H

Describe other minerals:

Is the proposed well in a Helium production area? N **Use Existing Well Pad?** YES **New surface disturbance?** Y

Type of Well Pad: MULTIPLE WELL **Multiple Well Pad Name:** MESA B 8115 7 **Number:** 1

Well Class: HORIZONTAL **Number of Legs:**

Well Work Type: Drill

Well Type: OIL WELL

Describe Well Type:

Well sub-Type: EXPLORATORY (WILDCAT)

Describe sub-type:

Distance to town: 25 Miles **Distance to nearest well:** 1414 FT **Distance to lease line:** 50 FT

Reservoir well spacing assigned acres Measurement: 157 Acres

Well plat: Mesa_B_8115_7_6H___C102_05-23-2017.pdf

Well work start Date: 02/01/2018 **Duration:** 45 DAYS

Section 3 - Well Location Table

Survey Type: RECTANGULAR

Describe Survey Type:

Datum: NAD83 **Vertical Datum:** NGVD29

Survey number:

	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	MD	TVD
SHL Leg #1	200	FSL	530	FWL	26S	33E	7	Aliquot SWSW	32.051329	-103.618101	LEA	NEW MEXICO	NEW MEXICO	F	NMNM 0160973	3228	0	0
KOP Leg #1	200	FSL	530	FWL	26S	33E	7	Aliquot SWSW	32.051329	-103.618101	LEA	NEW MEXICO	NEW MEXICO	F	NMNM 0160973	-5972	9200	9200
PPP Leg #1	330	FSL	596	FWL	26S	33E	7	Aliquot SWSW	32.051686	-103.61809	LEA	NEW MEXICO	NEW MEXICO	F	NMNM 0160973	-6442	9942	9670

Operator Name: BTA OIL PRODUCERS LLC

Well Name: MESA B 8115 7 **Well Number:** 6H

	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	MD	TVD
EXIT Leg #1	330	FNL	652	FWL	26S	33E	7	Aliquot NWNW	32.064386	-103.617703	LEA	NEW MEXICO	NEW MEXICO	F	NMNM 059398	-6442	14216	9670
BHL Leg #1	50	FNL	660	FWL	26S	33E	7	Aliquot NWNW	32.065156	-103.617688	LEA	NEW MEXICO	NEW MEXICO	F	NMNM 059398	-6442	14496	9670

Operator Name: BTA OIL PRODUCERS LLC

Well Name: MESA B 8115 7 **Well Number:** 6H

Choke Hose - Test Chart and Specs_12-08-2016.pdf

Mesa_B_8115_7___3k_Choke_05-22-2017.pdf

Mesa_B_8115_7___3k_BOP_05-22-2017.pdf

Section 3 - Casing

Casing ID	String Type	Hole Size	Csg Size	Condition	Standard	Tapered String	Top Set MD	Bottom Set MD	Top Set TVD	Bottom Set TVD	Top Set MSL	Bottom Set MSL	Calculated casing length MD	Grade	Weight	Joint Type	Collapse SF	Burst SF	Joint SF Type	Joint SF	Body SF Type	Body SF
1	SURFACE	17.5	13.375	NEW	API	N	0	770	0	770	-6442	-7212	770	J-55	54.5	STC	3.4	8.1	DRY	12.2	DRY	20.3
2	INTERMEDIATE	12.25	9.625	NEW	API	N	0	4700	0	4700	-6442	-11142	4700	J-55	40	LTC	1.8	1.6	DRY	2.7	DRY	3.3
3	PRODUCTION	8.75	7.0	NEW	API	N	0	14497	0	14497	-6442	-20939	14497	P-110	17	OTHER - BTC	1.6	2.3	DRY	2.6	DRY	3.2

Casing Attachments

Casing ID: 1 **String Type:** SURFACE

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Mesa_B_8115_7_6H___Casing_Assumption_Worksheet_05-22-2017.pdf

Operator Name: BTA OIL PRODUCERS LLC

Well Name: MESA B 8115 7 **Well Number:** 6H

Casing Attachments

Casing ID: 2 **String Type:** INTERMEDIATE

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Mesa_B_8115_7_6H___Casing_Assumption_Worksheet_05-22-2017.pdf

Casing ID: 3 **String Type:** PRODUCTION

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Mesa_B_8115_7_6H___Casing_Assumption_Worksheet_05-22-2017.pdf

Section 4 - Cement

String Type	Lead/Tail	Stage Tool Depth	Top MD	Bottom MD	Quantity(sx)	Yield	Density	Cu Ft	Excess%	Cement type	Additives
SURFACE	Lead		0	580	465	1.73	13.5	804	100	Class C	2% CaCl2
SURFACE	Tail		580	770	200	1.33	14.8	266	100	Class C	2% CaCl2
INTERMEDIATE	Lead		0	3850	1150	2.08	12.9	1150	100	Class C	6% Gel
INTERMEDIATE	Tail		3850	4700	250	1.33	14.8	332	25	Class C	0.004 GPS cf-41L
PRODUCTION	Lead		4000	8950	325	4.43	10.5	1439	15	50:50 H	0.004 GPS cf-41L

Operator Name: BTA OIL PRODUCERS LLC

Well Name: MESA B 8115 7 **Well Number:** 6H

String Type	Lead/Tail	Stage Tool Depth	Top MD	Bottom MD	Quantity(sx)	Yield	Density	Cu Ft	Excess%	Cement type	Additives
PRODUCTION	Tail		8950	14497	1320	1.22	14.8	1610	15	Class H	2% Gel

Section 5 - Circulating Medium

Mud System Type: Closed

Will an air or gas system be Used? NO

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

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

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

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

Circulating Medium Table

Top Depth	Bottom Depth	Mud Type	Min Weight (lbs/gal)	Max Weight (lbs/gal)	Density (lbs/cu ft)	Gel Strength (lbs/100 sqft)	PH	Viscosity (CP)	Salinity (ppm)	Filtration (cc)	Additional Characteristics
0	770	SPUD MUD	8.3	8.4							
770	4700	SALT SATURATED	10	10.2							
4700	9670	OTHER : Cut Brine	8.6	9.2							

Operator Name: BTA OIL PRODUCERS LLC

Well Name: MESA B 8115 7 **Well Number:** 6H

Section 6 - Test, Logging, Coring

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

No DST Planned

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

GR

Coring operation description for the well:

No cores are currently planned

Section 7 - Pressure

Anticipated Bottom Hole Pressure: 4642 **Anticipated Surface Pressure:** 2514.6

Anticipated Bottom Hole Temperature(F): 158

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

Describe:

Contingency Plans geoharzards description:

Contingency Plans geohazards attachment:

Hydrogen Sulfide drilling operations plan required? NO

Hydrogen sulfide drilling operations plan:

Section 8 - Other Information

Proposed horizontal/directional/multi-lateral plan submission:

Mesa_B_8115_7_6H___Directional_Plan_05-22-2017.pdf

Other proposed operations facets description:

A variance is requested for a Multi Bowl Wellhead. See the attached schematic and running procedure.

Other proposed operations facets attachment:

H2S Plan m_12-08-2016.pdf

H2S_Equipment_Schematic___Well_Pad_05-23-2017.pdf

BTA_Oil_Producers_LLC___EMERGENCY_CALL_LIST_9_11_17_20170922081930.pdf

Other Variance attachment:

Multi Bowl Wellhead Schematic_12-08-2016.pdf

Wellhead System and Testing_12-08-2016.pdf

GasCapturePlan___Mesa_B_8115_7_6H_20170922081842.pdf

Continental ContiTech

CONTITECH RUBBER Industrial Kft.	No:QC-DB- 599/ 2014
	Page: 16 / 176

Rig 94 Asset 24455

QUALITY CONTROL INSPECTION AND TEST CERTIFICATE					CERT. N°: 1592
PURCHASER:	ContiTech Oil & Marine Corp.				P.O. N°: 4500461753
CONTITECH ORDER N°:	539225	HOSE TYPE: 3" ID	Choke & Kill Hose		
HOSE SERIAL N°:	[redacted]	NOMINAL / ACTUAL LENGTH:	7,62 m / 7,66 m		
W.P. 68,9 MPa	10000 psi	T.P. 103,4 MPa	15000 psi	Duration:	60 min.

Pressure test with water at ambient temperature

See attachment. (1 page)

→ 10 Min.

↑ 50 MPa

COUPLINGS Type	Serial N°	Quality	Heat N°
3" coupling with	2574 5533	AISI 4130	A1582N H8672
4 1/16" 10K API Swivel Flange end		AISI 4130	58855
Hub		AISI 4130	A1199N A1423N

Not Designed For Well Testing **API Spec 16 C**

Fire Rated **Temperature rate:"B"**

All metal parts are flawless

WE CERTIFY THAT THE ABOVE HOSE HAS BEEN MANUFACTURED IN ACCORDANCE WITH THE TERMS OF THE ORDER INSPECTED AND PRESSURE TESTED AS ABOVE WITH SATISFACTORY RESULT.

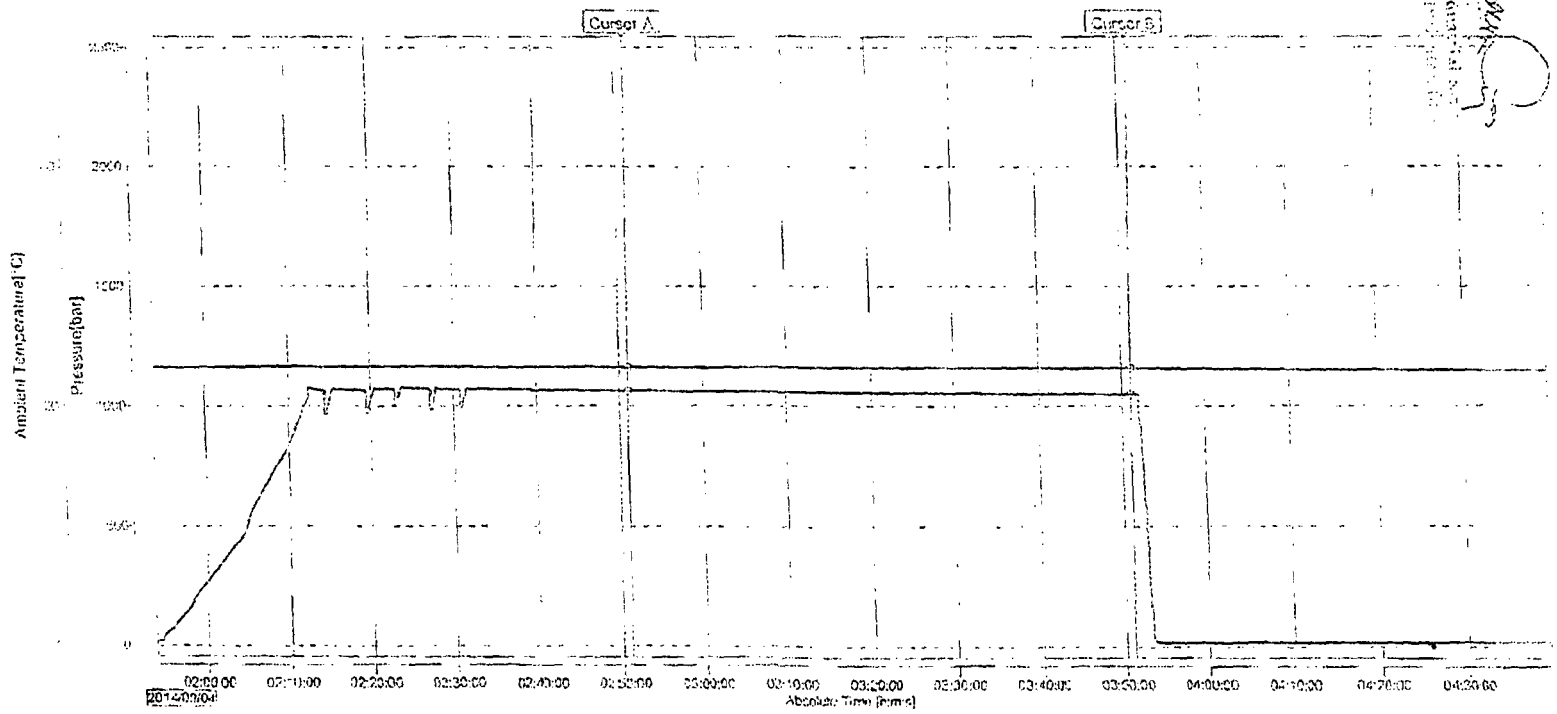
STATEMENT OF CONFORMITY: We hereby certify that the above items/equipment supplied by us are in conformity with the terms, conditions and specifications of the above Purchaser Order and that these items/equipment were fabricated inspected and tested in accordance with the referenced standards, codes and specifications and meet the relevant acceptance criteria and design requirements.

Date:	Inspector	Quality Control
04. September 2014.		ContiTech Rubber Industrial Kft. Quality Control Dept.

File Name	: 000220_68543,68545+547.GEV.....000236_68543,68545+547.GEV
File Message	: 68543,68545,68547
Device Type	: GX10
Serial No.	: S5P606399
Data Count	: 9946
Sampling Int.	: 1.000 sec
Start Time	: 2014/09/04 01:53:54.000
Stop Time	: 2014/09/04 04:39:39.000

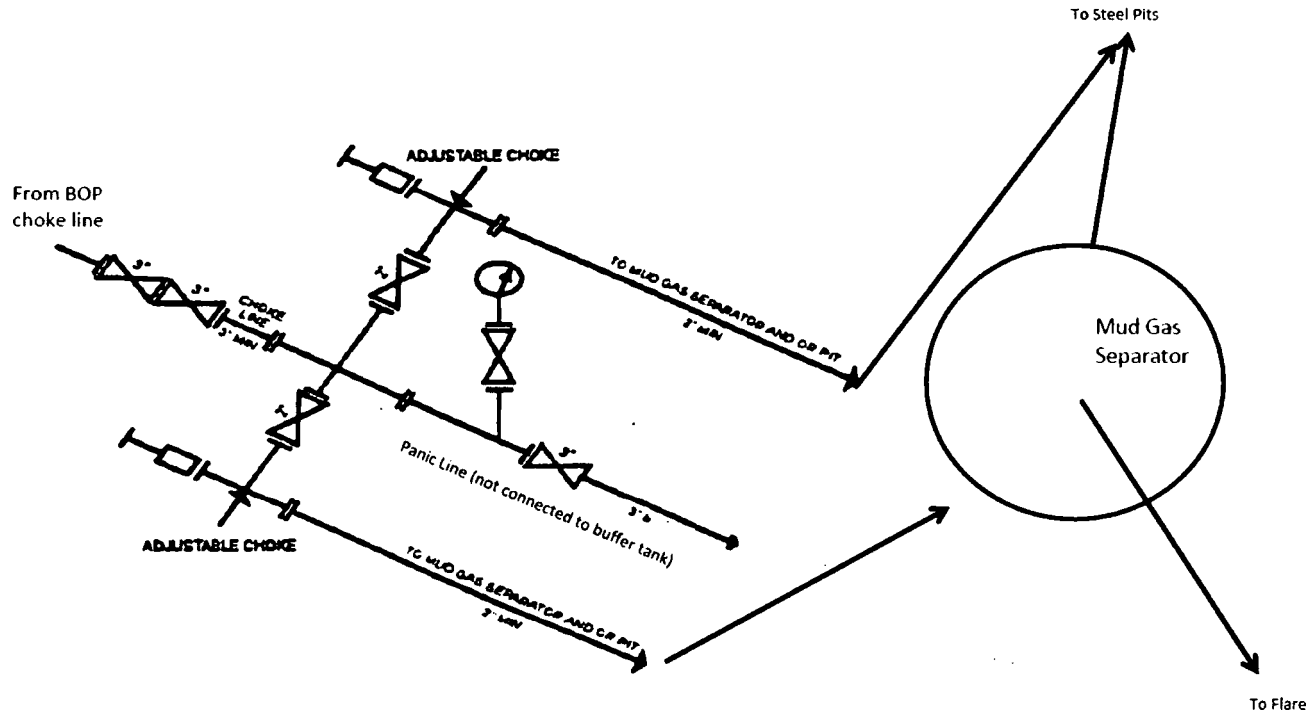
Print Group : Press-Temp
Print Range : 2014/09/04 01:53:54.000 - 2014/09/04 04:39:39.000
Comment :

	Cursor A	Cursor B	Difference
Data No	3452	7932	4480
Absolute Time	2014/09/04 02:51:00.000	2014/09/04 03:51:06.000	01:00:06.000
Sig Comment	Value A	Value B	Value B-A
Pressure[bar]	1062.00	1048.61	-13.39
Ambient Temperature[°C]	23.24	23.14	-0.10



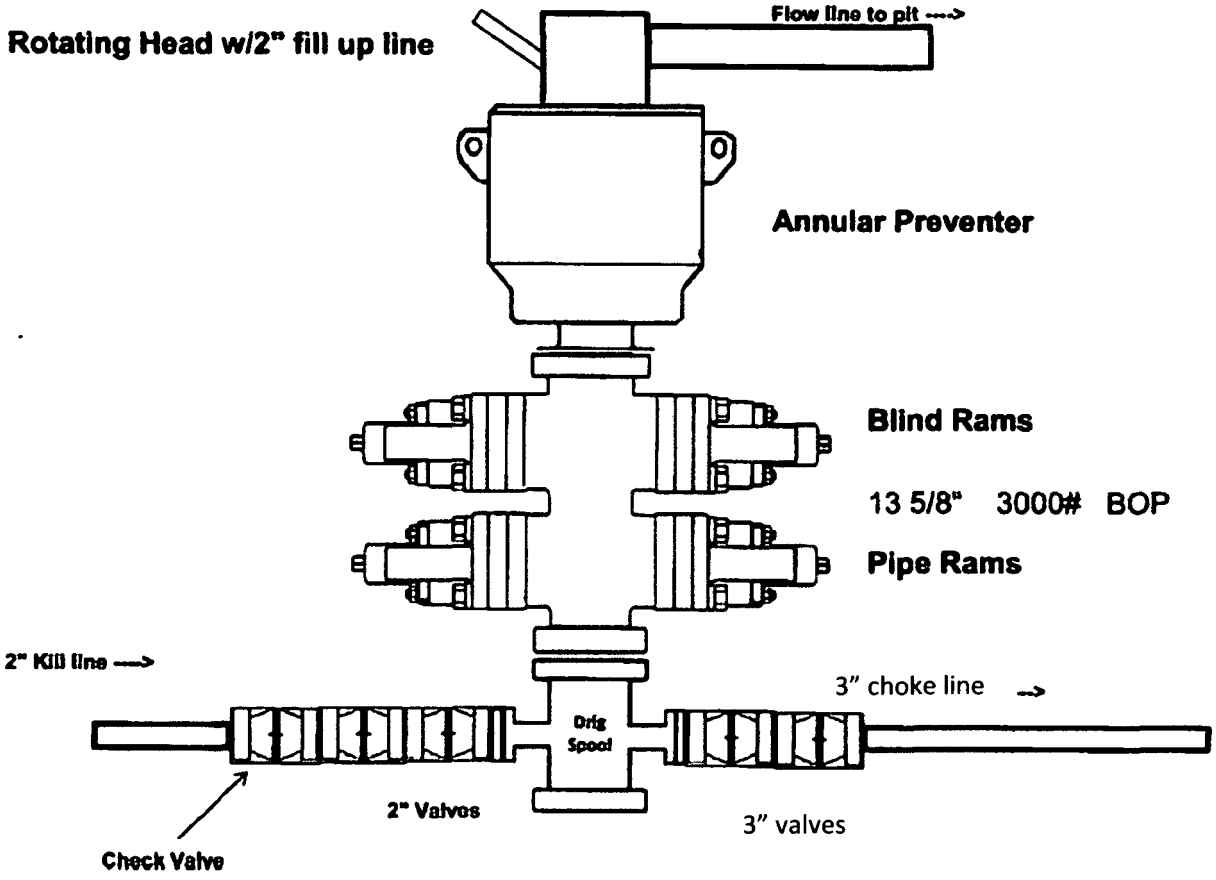
ATTACHMENT OF QUALITY CONTROL INSPECTION AND TEST CERTIFICATE No: 1588, 1590, 1592

Page: 1 / 1



3M choke manifold design

3,000 psi BOP Schematic



BTA Oil Producers, LLC **Well: Mesa B 8115 7 #6H**

Casing Assumption

Hole Size	Csg.Size	From (MD)	To (MD)	From (TVD)	To (TVD)	Tapered String	Weight (lbs)	Grade	Conn.	Collapse	Burst	Body Tension	Joint Tension	Dry/ Buoyant	Mud Weight (ppg)
17.50	13.375	0	770	0	770	No	54.5	J-55	STC	3.40	8.10	20.30	12.20	Dry	8.4
12.25	9.625	0	4700	0	4700	No	40.0	J-55	LTC	1.80	1.60	3.30	2.70	Dry	10.0
8.75	5.500	0	14497	0	9670	No	17.0	P-110	BTC	1.60	2.30	3.20	2.60	Dry	9.2

BTA Oil Producers, LLC **Well: Mesa B 8115 7 #6H**

Casing Assumption

Hole Size	Csg.Size	From (MD)	To (MD)	From (TVD)	To (TVD)	Tapered String	Weight (lbs)	Grade	Conn.	Collapse	Burst	Body Tension	Joint Tension	Dry/ Buoyant	Mud Weight (ppg)
17.50	13.375	0	770	0	770	No	54.5	J-55	STC	3.40	8.10	20.30	12.20	Dry	8.4
12.25	9.625	0	4700	0	4700	No	40.0	J-55	LTC	1.80	1.60	3.30	2.70	Dry	10.0
8.75	5.500	0	14497	0	9670	No	17.0	P-110	BTC	1.60	2.30	3.20	2.60	Dry	9.2

BTA Oil Producers, LLC **Well: Mesa B 8115 7 #6H**

Casing Assumption

Hole Size	Csg.Size	From (MD)	To (MD)	From (TVD)	To (TVD)	Tapered String	Weight (lbs)	Grade	Conn.	Collapse	Burst	Body Tension	Joint Tension	Dry/ Buoyant	Mud Weight (ppg)
17.50	13.375	0	770	0	770	No	54.5	J-55	STC	3.40	8.10	20.30	12.20	Dry	8.4
12.25	9.625	0	4700	0	4700	No	40.0	J-55	LTC	1.80	1.60	3.30	2.70	Dry	10.0
8.75	5.500	0	14497	0	9670	No	17.0	P-110	BTC	1.60	2.30	3.20	2.60	Dry	9.2

APD ID: 10400014441 **Submission Date:** 05/23/2017

Operator Name: BTA OIL PRODUCERS LLC

Well Name: MESA B 8115 7 **Well Number:** 6H

Well Type: OIL WELL **Well Work Type:** Drill

Highlighted data reflects the most recent changes

Show Final Text

Section 1 - Existing Roads

Will existing roads be used? YES

Existing Road Map:

Mesa_B_8115_7_6H___Topographical_and_Access_Rd_05-22-2017.pdf

Mesa_B_8115_7_6H___Vicinity_Map_05-22-2017.pdf

Existing Road Purpose: ACCESS,FLUID TRANSPORT **Row(s) Exist?** NO

ROW ID(s)

ID:

Do the existing roads need to be improved? NO

Existing Road Improvement Description:

Existing Road Improvement Attachment:

Section 2 - New or Reconstructed Access Roads

Will new roads be needed? NO

Section 3 - Location of Existing Wells

Existing Wells Map? YES

Attach Well map:

Mesa_B_8115_7_6H___1mi_Radius_Map_and_Data_05-22-2017.pdf

Existing Wells description:

Section 4 - Location of Existing and/or Proposed Production Facilities

Submit or defer a Proposed Production Facilities plan? SUBMIT

Production Facilities description: If well is productive, the production will be processed at the Central Tank Battery located on the Mesa B 8115 JV-P #4H well pad. A flowline to transport production from the proposed well to the existing facility will be installed. We plan to install a 3 inch steel surface flowline from the proposed well to the offsite production facility. The proposed length of the flowline will be approximately 908' and will follow the existing road to the existing production facility. See the attached flowline plat. We plan to tie into the existing electric line as depicted on the well pad location plat. If any plans change in regarding the production facility or other infrastructure, we will submit a sundry notice or right of way (if applicable) prior to installation or construction.
Production Facilities map:

MESA_B_8115_7_6H___FLOWLINE_PLAT__pdf_05-23-2017.pdf

Section 5 - Location and Types of Water Supply

Water Source Table

Water source use type: DUST CONTROL, INTERMEDIATE/PRODUCTION CASING, STIMULATION, SURFACE CASING
Water source type: OTHER
Describe type: Sec. 11, T26S, R33E
Source longitude:
Source latitude:
Source datum: NAD83
Water source permit type: OTHER
Source land ownership: FEDERAL
Water source transport method: PIPELINE,TRUCKING
Source transportation land ownership: FEDERAL
Water source volume (barrels): 100000
Source volume (acre-feet): 12.88931
Source volume (gal): 4200000

Water source use type: DUST CONTROL, INTERMEDIATE/PRODUCTION CASING, STIMULATION, SURFACE CASING
Water source type: OTHER
Describe type: Sec. 1, T26S, R33E
Source longitude:
Source latitude:
Source datum: NAD83
Water source permit type: OTHER
Source land ownership: FEDERAL
Water source transport method: PIPELINE,TRUCKING

Operator Name: BTA OIL PRODUCERS LLC

Well Name: MESA B 8115 7 **Well Number:** 6H

Source transportation land ownership: FEDERAL

Water source volume (barrels): 100000 **Source volume (acre-feet):** 12.88931

Source volume (gal): 4200000

Water source and transportation map:

Mesa_B_8115_7_6H___Water_Trans_Route_Map_05-23-2017.pdf

Water source comments:

New water well? NO

New Water Well Info

Well latitude: **Well Longitude:** **Well datum:**

Well target aquifer:

Est. depth to top of aquifer(ft): **Est thickness of aquifer:**

Aquifer comments:

Aquifer documentation:

Well depth (ft): **Well casing type:**

Well casing outside diameter (in.): **Well casing inside diameter (in.):**

New water well casing? **Used casing source:**

Drilling method: **Drill material:**

Grout material: **Grout depth:**

Casing length (ft.): **Casing top depth (ft.):**

Well Production type: **Completion Method:**

Water well additional information:

State appropriation permit:

Additional information attachment:

Section 6 - Construction Materials

Construction Materials description: Caliche used for construction of the drilling pad and access road will be obtained from the closest existing caliche pit as approved by the BLM or from prevailing deposits found under the location. If there is not sufficient material available, caliche will be purchased from the nearest caliche pit located in Section 4, T26S, R32E Lea County, NM. Alternative location if original location closes will be located in Section 3, T26S, R33E.

Construction Materials source location attachment:

Section 7 - Methods for Handling Waste

Waste type: DRILLING

Waste content description: Drilling fluids and cuttings.

Amount of waste: 3990 barrels

Waste disposal frequency : One Time Only

Safe containment description: All drilling fluids will be stored safely and disposed of properly.

Safe containmant attachment:

Waste disposal type: HAUL TO COMMERCIAL FACILITY **Disposal location ownership:** COMMERCIAL
Disposal type description:

Disposal location description: Trucked to an approved disposal facility.

Waste type: SEWAGE

Waste content description: Human waste and grey water

Amount of waste: 1000 gallons

Waste disposal frequency : One Time Only

Safe containment description: Waste material will be stored safely and disposed of properly.

Safe containmant attachment:

Waste disposal type: HAUL TO COMMERCIAL FACILITY **Disposal location ownership:** COMMERCIAL
Disposal type description:

Disposal location description: Trucked to an approved disposal facility.

Waste type: GARBAGE

Waste content description: Trash

Amount of waste: 500 pounds

Waste disposal frequency : One Time Only

Safe containment description: Trash produced during drilling and completion operations will be collected in a trash container and disposed of properly.
Safe containmant attachment:

Waste disposal type: HAUL TO COMMERCIAL FACILITY **Disposal location ownership:** COMMERCIAL
Disposal type description:

Disposal location description: Trucked to an approved disposal facility.

Reserve Pit

Operator Name: BTA OIL PRODUCERS LLC

Well Name: MESA B 8115 7 **Well Number:** 6H

Reserve Pit being used? NO

Temporary disposal of produced water into reserve pit?

Reserve pit length (ft.) **Reserve pit width (ft.)**

Reserve pit depth (ft.) **Reserve pit volume (cu. yd.)**

Is at least 50% of the reserve pit in cut?

Reserve pit liner

Reserve pit liner specifications and installation description

Cuttings Area

Cuttings Area being used? NO

Are you storing cuttings on location? NO

Description of cuttings location

Cuttings area length (ft.) **Cuttings area width (ft.)**

Cuttings area depth (ft.) **Cuttings area volume (cu. yd.)**

Is at least 50% of the cuttings area in cut?

WCuttings area liner

Cuttings area liner specifications and installation description

Section 8 - Ancillary Facilities

Are you requesting any Ancillary Facilities?: NO

Ancillary Facilities attachment:

Comments: It is possible that a mobile home will be used at the well site during drilling operations.

Section 9 - Well Site Layout

Well Site Layout Diagram:

Mesa_B_8115_7_6H___Location_Plat_05-23-2017.pdf

Comments: Should the well be successfully completed for production, the original topsoil from the site will be returned to the location. The drill site will be contoured as close as possible to the original state.

Operator Name: BTA OIL PRODUCERS LLC

Well Name: MESA B 8115 7 **Well Number:** 6H

Section 10 - Plans for Surface Reclamation

Type of disturbance: New Surface Disturbance **Multiple Well Pad Name:** MESA B 8115 7

Multiple Well Pad Number: 1

Recontouring attachment:

Drainage/Erosion control construction: During construction proper erosion control methods will be used to control erosion, runoff and siltation of the surrounding area.
Drainage/Erosion control reclamation: Proper erosion control methods will be used on the area to control erosion, runoff and siltation of the surrounding area.

Wellpad long term disturbance (acres): 1.86 **Wellpad short term disturbance (acres):** 2.27

Access road long term disturbance (acres): 0 **Access road short term disturbance (acres):** 0

Pipeline long term disturbance (acres): 0 **Pipeline short term disturbance (acres):** 0

Other long term disturbance (acres): 0 **Other short term disturbance (acres):** 0

Total long term disturbance: 1.86 **Total short term disturbance:** 2.27

Disturbance Comments:

Reconstruction method: The areas planned for interim reclamation will then be recontoured to the original contour if feasible, or if not feasible, to an interim contour that blends with the surrounding topography as much as possible. Where applicable, the fill material of the well pad will be backfilled into the cut to bring the area back to the original contour. The interim cut and fill slopes prior to re-seeding will not be steeper than a 3:1 ratio, unless the adjacent native topography is steeper. Note: Constructed slopes may be much steeper during drilling, but will be recontoured to the above ratios during interim reclamation.
Topsoil redistribution: Topsoil will be evenly respread and aggressively revegetated over the entire disturbed area not needed for all-weather operations.
Soil treatment: To seed the area, the proper BLM seed mixture, free of noxious weeds, will be used. Final seedbed preparation will consist of contour cultivating to a depth of 4 to 6 inches within 24 hours prior to seeding, dozer tracking, or other imprinting in order to break the soil crust and create seed germination micro-sites.
Existing Vegetation at the well pad: The historic climax plant community is a grassland dominated by black grama, dropseeds, and blue stems with sand sage and shinnery oak distributed evenly throughout. Current landscape displays mesquite, shinnery oak, yucca, desert sage, fourwing saltbush, snakeweed, and bunch grasses.
Existing Vegetation at the well pad attachment:

Existing Vegetation Community at the road: Refer to "Existing Vegetation at the well pad"

Existing Vegetation Community at the road attachment:

Existing Vegetation Community at the pipeline: Refer to "Existing Vegetation at the well pad"

Existing Vegetation Community at the pipeline attachment:

Existing Vegetation Community at other disturbances: Refer to "Existing Vegetation at the well pad"

Existing Vegetation Community at other disturbances attachment:

Non native seed used? NO

Operator Name: BTA OIL PRODUCERS LLC

Well Name: MESA B 8115 7 **Well Number:** 6H

Non native seed description:

Seedling transplant description:

Will seedlings be transplanted for this project? NO

Seedling transplant description attachment:

Will seed be harvested for use in site reclamation? NO

Seed harvest description:

Seed harvest description attachment:

Seed Management

Seed Table

Seed type:

Seed source:

Seed name:

Source name:

Source address:

Source phone:

Seed cultivar:

Seed use location:

PLS pounds per acre:

Proposed seeding season:

Seed Summary

Seed Type	Pounds/Acre

Total pounds/Acre:

Seed reclamation attachment:

Operator Contact/Responsible Official Contact Info

First Name:

Last Name:

Phone:

Email:

Seedbed prep:

Seed BMP:

Seed method:

Existing invasive species? NO

Existing invasive species treatment description:

Existing invasive species treatment attachment:

Weed treatment plan description: No invasive species present. Standard regular maintenance to maintain a clear location and road.
Weed treatment plan attachment:

Monitoring plan description: Identify areas supporting weeds prior to construction; prevent the introduction and spread of weeds from construction equipment during construction; and contain weed seeds and propagules by preventing segregated topsoil from being spread to adjacent areas. No invasive species present. Standard regular maintenance to maintain a clear location and road.
Monitoring plan attachment:

Success standards: To maintain all disturbed areas as per Gold Book standards.

Pit closure description: N/A

Pit closure attachment:

Section 11 - Surface Ownership

Disturbance type: WELL PAD

Describe:

Surface Owner: BUREAU OF LAND MANAGEMENT

Other surface owner description:

BIA Local Office:

BOR Local Office:

COE Local Office:

DOD Local Office:

NPS Local Office:

State Local Office:

Military Local Office:

USFWS Local Office:

Other Local Office:

USFS Region:

USFS Forest/Grassland: **USFS Ranger District:**

Disturbance type: PIPELINE

Describe:

Surface Owner: BUREAU OF LAND MANAGEMENT

Other surface owner description:

BIA Local Office:

BOR Local Office:

COE Local Office:

DOD Local Office:

NPS Local Office:

State Local Office:

Military Local Office:

USFWS Local Office:

Other Local Office:

USFS Region:

USFS Forest/Grassland: **USFS Ranger District:**

Disturbance type: EXISTING ACCESS ROAD

Describe:

Surface Owner: BUREAU OF LAND MANAGEMENT

Other surface owner description:

BIA Local Office:

BOR Local Office:

COE Local Office:

DOD Local Office:

NPS Local Office:

State Local Office:

Military Local Office:

USFWS Local Office:

Other Local Office:

USFS Region:

USFS Forest/Grassland: **USFS Ranger District:**

Section 12 - Other Information

Right of Way needed? NO **Use APD as ROW?**

ROW Type(s):

ROW Applications

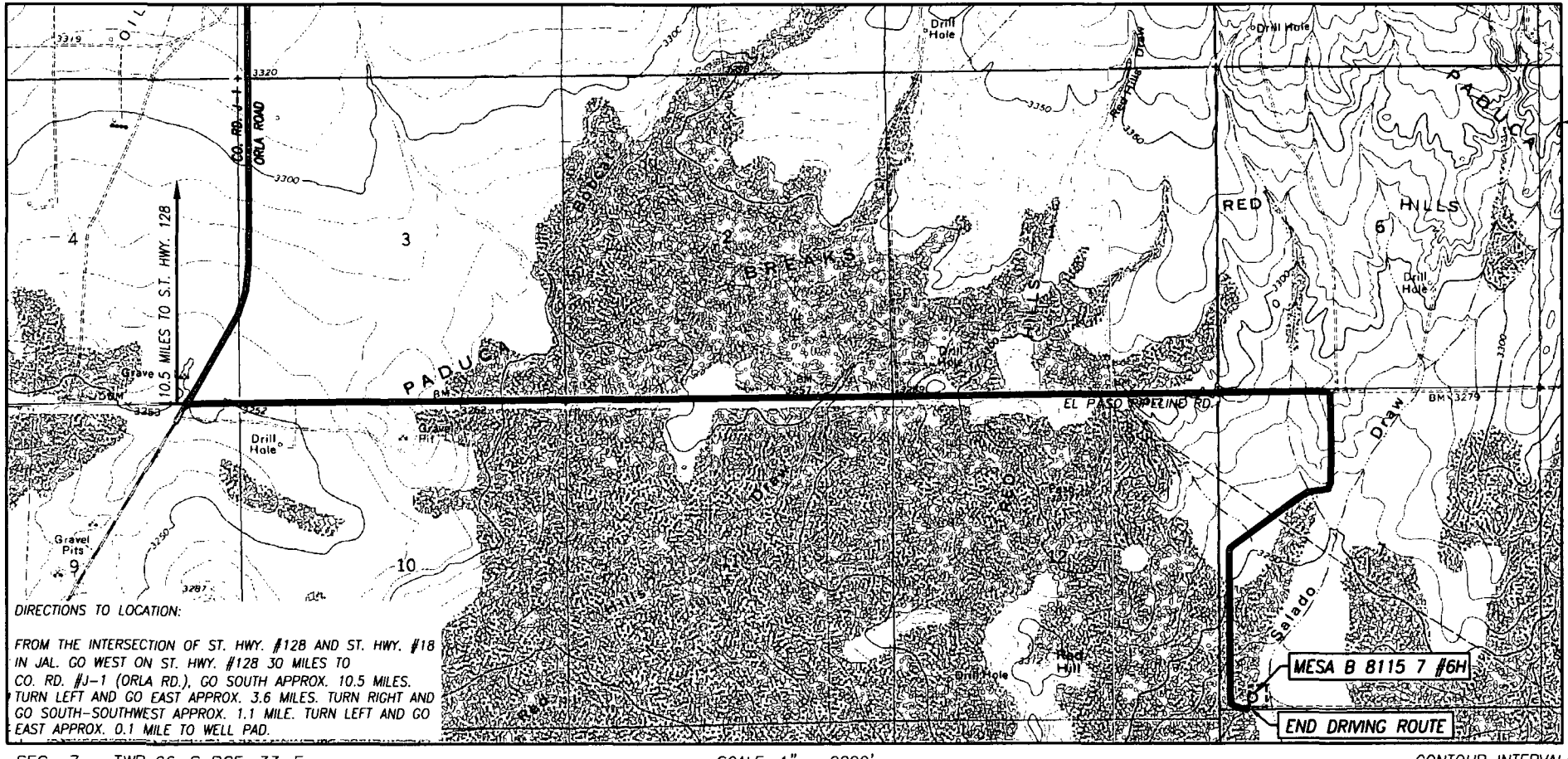
SUPO Additional Information:

Use a previously conducted onsite? YES

Previous Onsite information: Onsite was conducted by Fernando Banos on March 8th, 2017. NOS ID: 10400011815

Other SUPO Attachment

TOPOGRAPHIC AND ACCESS ROAD MAP



DIRECTIONS TO LOCATION:

FROM THE INTERSECTION OF ST. HWY. #128 AND ST. HWY. #18 IN JAL. GO WEST ON ST. HWY. #128 30 MILES TO CO. RD. #J-1 (ORLA RD.), GO SOUTH APPROX. 10.5 MILES. TURN LEFT AND GO EAST APPROX. 3.6 MILES. TURN RIGHT AND GO SOUTH-SOUTHWEST APPROX. 1.1 MILE. TURN LEFT AND GO EAST APPROX. 0.1 MILE TO WELL PAD.

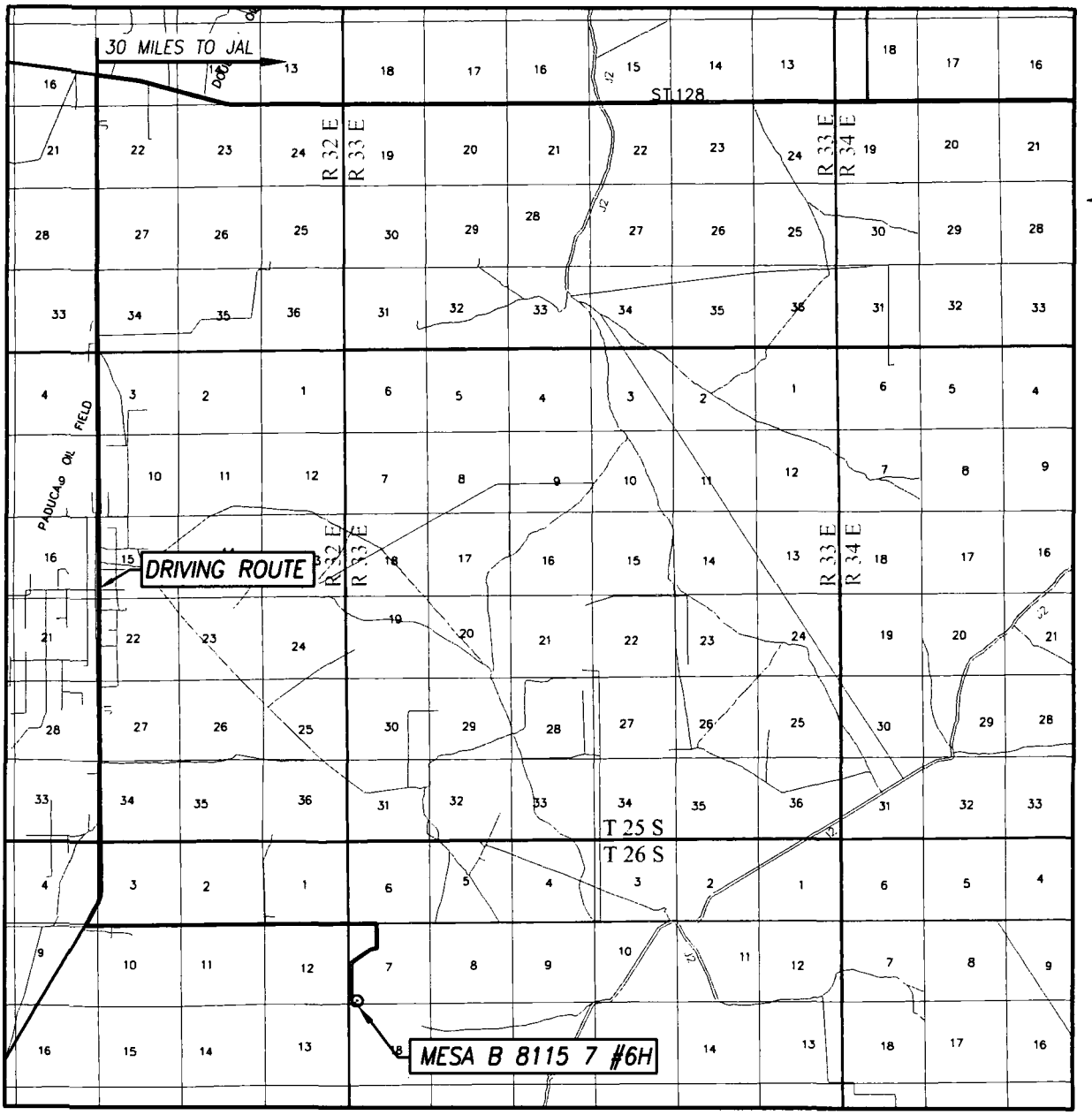
SEC. 7 TWP. 26-S RGE. 33-E
COUNTY LEA STATE NEW MEXICO
DESCRIPTION 200' FSL & 530' FWL
ELEVATION 3228'
OPERATOR BTA OIL PRODUCERS, LLC
LEASE MESA B 8115 7
U.S.G.S. TOPOGRAPHIC MAP
PADUCA BREAKS EAST, N.M. SURVEY N.M.P.M.

SCALE: 1" = 2000'

CONTOUR INTERVAL:
PADUCA BREAKS EAST, N.M. - 10'

PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO HOBBS, N.M. 88240
(575) 393-3117 www.jwsc.biz
TBPLS# 10021000

VICINITY MAP



SCALE: 1" = 2 MILES

DRIVING ROUTE: SEE TOPOGRAPHICAL AND ACCESS ROAD MAP

SEC. 7 TWP. 26-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY LEA STATE NEW MEXICO

DESCRIPTION 200' FSL & 530' FWL

ELEVATION 3228'

OPERATOR BTA OIL PRODUCERS, LLC

LEASE MESA B 8115 7

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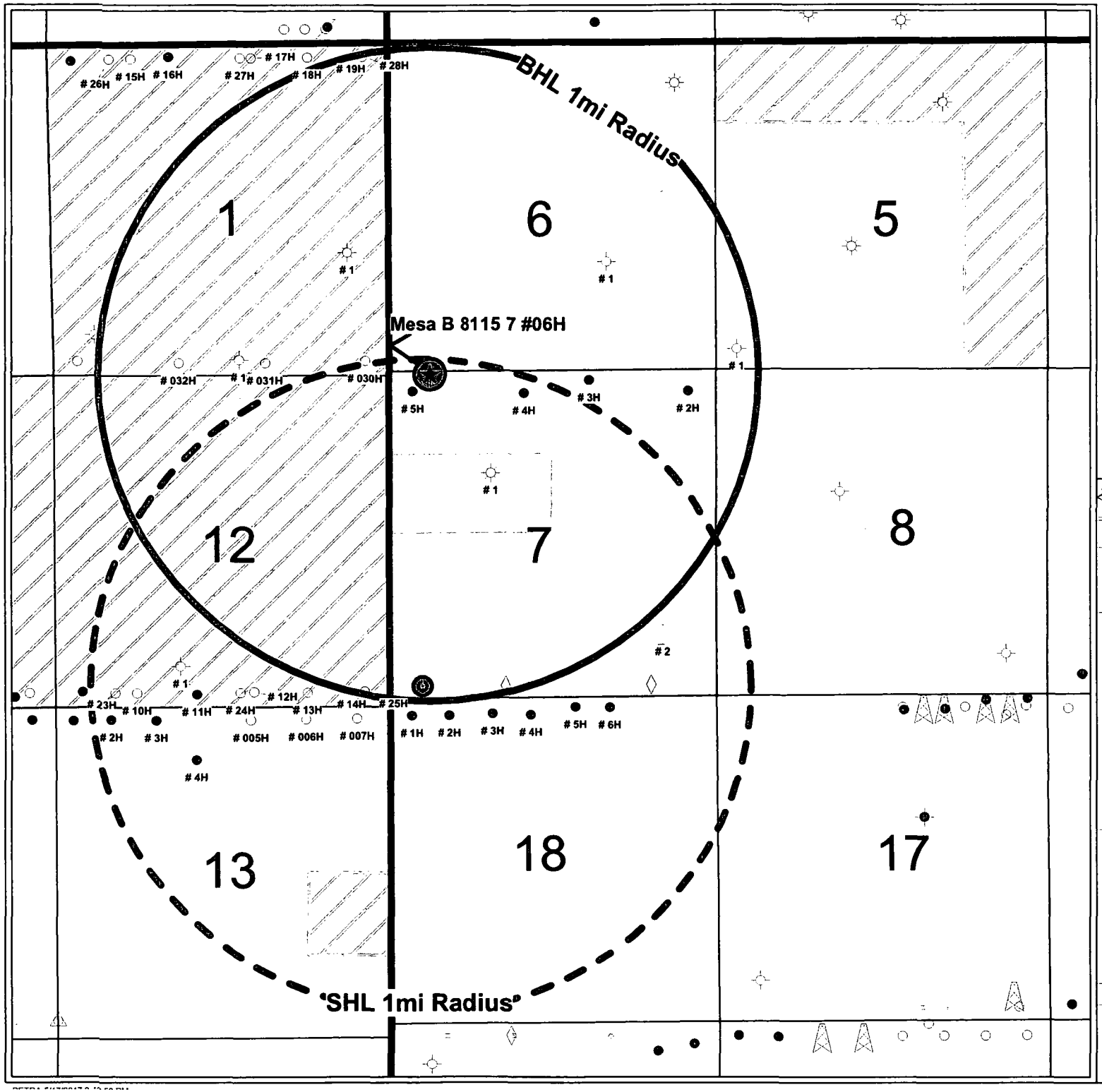


BTA OIL PRODUCERS, LLC

Mesa B 8115 7 #06H - 1mi Radius Map

SHL:200'FSL&530'FWL / BHL:50'FNL&660FWL

Section 7,T26S-R33E

Lea County. New Mexico

WELL SYMBOLS

- Proposed Location
- Permitted Location
- Drilling Well
- Completing/Completed
- Oil Well
- Gas Well
- Oil & Gas Well
- Dry Hole
- Service Well
- Junked
- Oil & Gas Well

REMARKS

Mesa B 8115 7 #06H Highlighted In Yellow

Surface Hole Location 1 Mile Radius Outline in Red Dash

Bottom Hole Location 1 Mile Radius Outline in Red

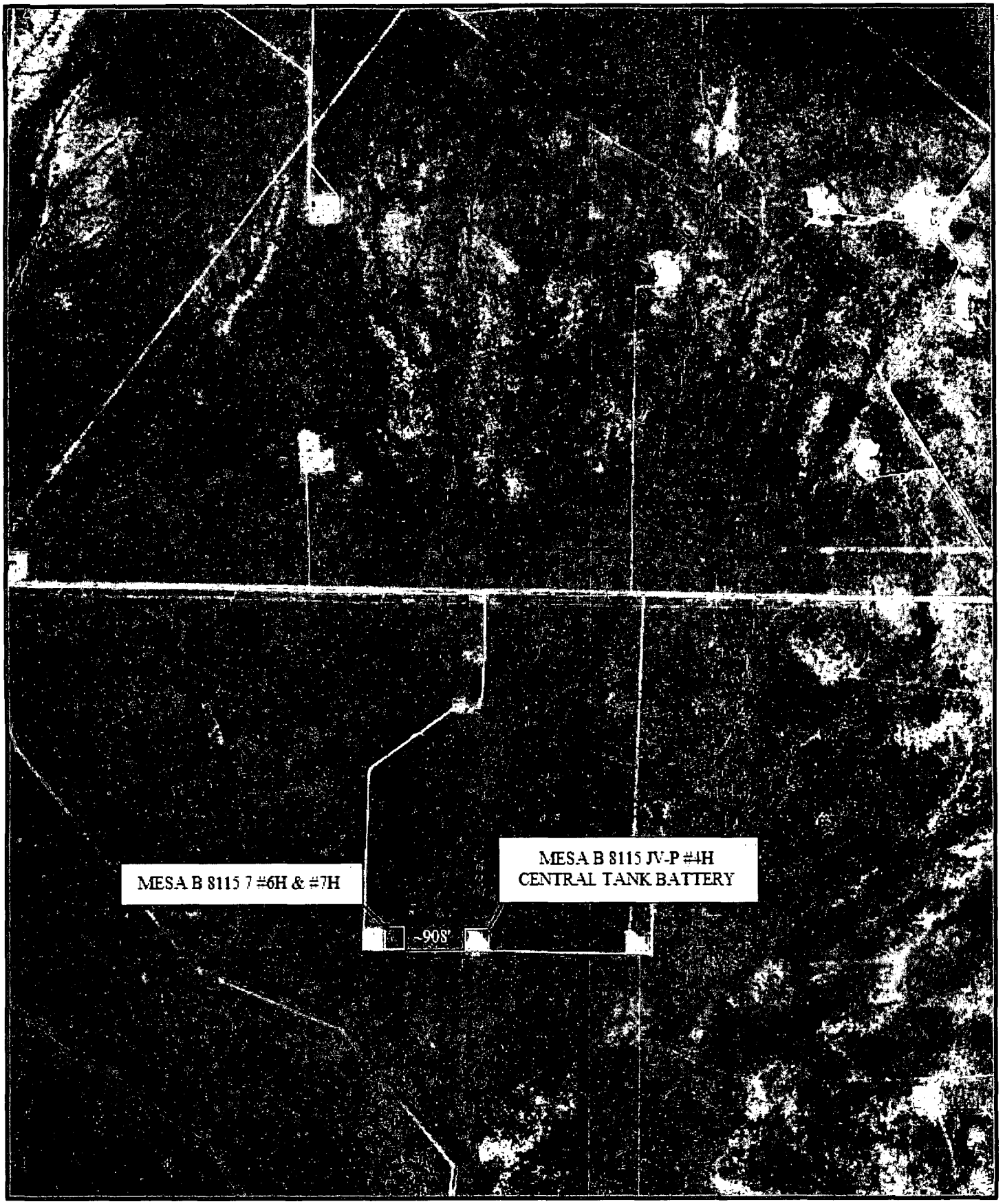
SEE ATTACHED WELL LIST FOR DETAILED WELL INFORMATION

By: JHB

0 2,106 4,212

FEET

Mesa B 8115 7 #06H - 1mi Radius Well Data													
UWI (APINum)	Operator	Well Name	Well #	Sec	Twp	Rng	Surf Lat	Surf Lon	Bot Lat	Bot Lon	SHL Ftg Calls	TD	Status
30025127660000	HUMBLE OIL & REFG CO	F L NEWTON	1	1	26S	32E	32.065673	-103.627022	0	0	250'FSL & 2390'FEL	2027	DRY
30025276000000	BTA OIL PRODUCERS, LLC	MESA 8105 JV-P	1	1	26S	32E	32.0704184	-103.6214331	0	0	1980'FSL & 660'FEL	16100	GAS
30025276000001	BTA OIL PRODUCERS, LLC	MESA 8105 JV-P	1	1	26S	32E	32.0704184	-103.6214331	0	0	1980'FSL & 660'FEL	16100	GAS
30025428470000	BTA OIL PRODUCERS, LLC	MESA 8105 JV-P	11H	1	26S	32E	32.065842	-103.6293313	32.0508342	-103.6292623	310'FSL & 2218'FWL	14944	OIL
30025428480000	BTA OIL PRODUCERS, LLC	MESA 8105 JV-P	12H	1	26S	32E	32.0658368	-103.6263375	32.0509375	-103.6263472	310'FSL & 2178'FEL		LOC
30025428490000	BTA OIL PRODUCERS, LLC	MESA 8105 JV-P	13H	1	26S	32E	32.0658319	-103.6236132	32.0508985	-103.6236287	310'FSL & 1334'FEL		LOC
30025428500000	BTA OIL PRODUCERS, LLC	MESA 8105 JV-P	14H	1	26S	32E	32.0658268	-103.6207598	32.0509452	-103.6206403	310'FSL & 450'FEL		LOC
30025428510000	BTA OIL PRODUCERS, LLC	MESA 8105 JV-P	16H	1	26S	32E	32.065842	-103.6293313	32.079127	-103.6305314	310'FSL & 2218'FWL	14848	OIL
30025428520000	BTA OIL PRODUCERS, LLC	MESA 8150 JV-P	17H	1	26S	32E	32.0658365	-103.6262084	32.0790735	-103.6263251	310'FSL & 2138'FEL		LOC
30025428530000	BTA OIL PRODUCERS, LLC	MESA 8105 JV-P	18H	1	26S	32E	32.0658317	-103.6234841	32.0790883	-103.6234712	310'FSL & 1294'FEL		LOC
30025428540000	BTA OIL PRODUCERS, LLC	MESA 8105 JV-P	19H	1	26S	32E	32.0658266	-103.6206307	32.0791031	-103.6206174	310'FSL & 410'FEL		LOC
30025437240000	BTA OIL PRODUCERS, LLC	MESA 8105 JV-P	030H	1	26S	32E	32.0788287	-103.6205208	32.0656065	-103.620534	330'FNL & 380'FEL		LOC
30025437250000	BTA OIL PRODUCERS, LLC	MESA 8105 JV-P	031H	1	26S	32E	32.0786577	-103.6254183	32.0655333	-103.6256987	383'FNL & 1897'FEL		LOC
30025437260000	BTA OIL PRODUCERS, LLC	MESA 8105 JV-P	032H	1	26S	32E	32.0789014	-103.6303572	32.065541	-103.6300937	285'FNL & 1980'FWL		LOC
30025082550000	HOMESTEAD OIL & GAS	CLIFFORD	1	12	26S	32E	32.0520866	-103.6300849	0	0	660'FSL & 1980'FWL	4868	DRY
30025429510000	BTA OIL PRODUCERS, LLC	MESA 8105 JV-P	24H	12	26S	32E	32.0640788	-103.6270235	32.0509018	-103.6270368	330'FNL & 2390'FEL		LOC
30025429520000	BTA OIL PRODUCERS, LLC	MESA 8105 JV-P	25H	12	26S	32E	32.0640664	-103.620116	32.0509377	-103.620662	330'FNL & 250'FEL		LOC
30025429600000	BTA OIL PRODUCERS, LLC	MESA 8105 JV-P	10H	12	26S	32E	32.0640873	-103.6319561	32.0509066	-103.6322989	330'FNL & 1400'FWL		LOC
30025429610000	BTA OIL PRODUCERS, LLC	MESA 8105 JV-P	15H	12	26S	32E	32.064087	-103.6318269	32.0790416	-103.6324458	330'FNL & 1440'FWL		LOC
30025429620000	BTA OIL PRODUCERS, LLC	MESA 8105 JV-P	23H	12	26S	32E	32.0640911	-103.6341833	32.0509076	-103.6334091	330'FNL & 710'FWL		LOC
30025429630000	BTA OIL PRODUCERS, LLC	MESA 8105 JV-P	26H	12	26S	32E	32.0640908	-103.6340541	32.0790358	-103.6335564	330'FNL & 750'FWL		LOC
30025429640000	BTA OIL PRODUCERS, LLC	MESA 8105 JV-P	27H	12	26S	32E	32.0640784	-103.6268944	32.0790707	-103.6268804	330'FNL & 2350'FEL		LOC
30025429640000	BTA OIL PRODUCERS, LLC	MESA 8105 JV-P	27H	12	26S	32E	32.0640784	-103.6268944	32.0790707	-103.6268804	330'FNL & 2350'FEL		LOC
30025429650000	BTA OIL PRODUCERS, LLC	MESA 8105 JV-P	28H	12	26S	32E	32.0640663	-103.6199869	32.0791031	-103.6206174	330'FNL & 210'FEL		LOC
30025432960000	CHEVRON U S A INC	SD WE 24 FED P23	2H	24	26S	32E	32.0214932	-103.6322978	32.0497292	-103.633631	260'FSL & 1308'FWL	19261	OIL
30025432970000	CHEVRON U S A INC	SD WE 24 FED P23	3H	24	26S	32E	32.0214931	-103.6322172	32.0496909	-103.6313275	260'FSL & 1333'FWL	19261	OIL
30025432980000	CHEVRON U S A INC	SD WE 24 FED P23	4H	24	26S	32E	32.021493	-103.6321365	32.0479252	-103.6293016	260'FSL & 1358'FWL	18709	OIL
30025436730000	CHEVRON U S A INC	SD WE 24 FEDERAL P24	006H	24	26S	32E	32.0213204	-103.6233476	32.0497141	-103.6237316	200'FSL & 1210'FEL		LOC
30025436740000	CHEVRON U S A INC	SD WE 24 FEDERAL P24	005H	24	26S	32E	32.0213204	-103.6234283	32.0496839	-103.6265298	200'FSL & 1235'FEL		LOC
30025436750000	CHEVRON U S A INC	SD WE 24 FEDERAL P24	007H	24	26S	32E	32.0213203	-103.6232669	32.0497387	-103.621069	200'FSL & 1185'FEL		LOC
30025084000000	RECTOR OIL CO	MAECHTEL PERMIT	1	5	26S	33E	32.0660744	-103.6012561	0	0	330'FSL & 330'FWL	5006	DRY
30025084010000	JOLLIFFE SAM H JR	JM JONES-FEDERAL	1	6	26S	33E	32.0699756	-103.607954	0	0	1750'FSL & 1750'FEL	5010	DRY
30025306620000	BTA OIL PRODUCERS, LLC	MESA `B` 8105 JV-P	1	7	26S	33E	32.0606247	-103.6139864	0	0	1650'FNL & 1650'FWL	13900	GAS
30025421250000	BTA OIL PRODUCERS, LLC	8115 JV-P MESA B COM	2H	7	26S	33E	32.0511876	-103.6057727	0	0	190'FSL & 1050'FEL	12750	PILOT
30025421250100	BTA OIL PRODUCERS, LLC	8115 JV-P MESA B COM	2H	7	26S	33E	32.0511876	-103.6057727	32.0642196	-103.6038513	190'FSL & 1050'FEL	13728	OIL
30025421260000	BTA OIL PRODUCERS, LLC	8115 JV-P MESA B	3H	7	26S	33E	32.051178	-103.6094197	32.0647181	-103.6088855	190'FSL & 2180'FEL	14089	OIL
30025421270000	BTA OIL PRODUCERS, LLC	8115 JV-P MESA B COM	4H	7	26S	33E	32.0511677	-103.6132843	0	0	190'FSL & 1880'FWL	12795	PILOT
30025421270100	BTA OIL PRODUCERS, LLC	8115 JV-P MESA B COM	4H	7	26S	33E	32.0511677	-103.6132843	32.0641565	-103.6122547	190'FSL & 1880'FWL	13760	OIL
30025421280000	BTA OIL PRODUCERS, LLC	8115 JV-P MESA B COM	5H	7	26S	33E	32.0511543	-103.6182868	32.0642492	-103.6180703	190'FSL & 330'FWL	13777	OIL
30025424620000	BTA OIL PRODUCERS, LLC	MESA B SWD 8115 JV-P	2	7	26S	33E	32.0534156	-103.6051502	0	0	1000'FSL & 860'FEL	7019	FRAC
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
30025422780100	CHEVRON U S A INC	SALADO DRAW 18 26 33 FEDERAL	3H	19	26S	33E	32.0356005	-103.613102	32.049874	-103.6139653	200'FNL & 1943'FWL	13890	OIL
30025422790000	CHEVRON U S A INC	SALADO DRAW 18 26 33 FEDERAL	4H	19	26S	33E	32.035601	-103.6129407	32.0498792	-103.6120128	200'FNL & 1993'FWL	13900	OIL
30025426590000	CHEVRON U S A INC	SALADO DRAW 18 26 33 FEDERAL	1H	19	26S	33E	32.0355911	-103.6165547	32.0498626	-103.6182092	200'FNL & 873'FWL	14042	OIL
30025426600000	CHEVRON U S A INC	SALADO DRAW 18 26 33 FEDERAL	2H	19	26S	33E	32.0355915	-103.6163934	32.0498678	-103.6162567	200'FNL & 923'FWL	14135	OIL
30025427950000	CHEVRON U S A INC	SD EA 18 FEDERAL P6	5H	19	26S	33E	32.0354326	-103.6080653	32.0502043	-103.6098038	266'FNL & 1778'FEL	14214	OIL
30025427960000	CHEVRON U S A INC	SD EA 18 FEDERAL P6	6H	19	26S	33E	32.0354849	-103.6080167	32.0501862	-103.6079143	247'FNL & 1763'FEL	14185	OIL



LEGEND

WELL PAD

PROPOSED FLOWLINE

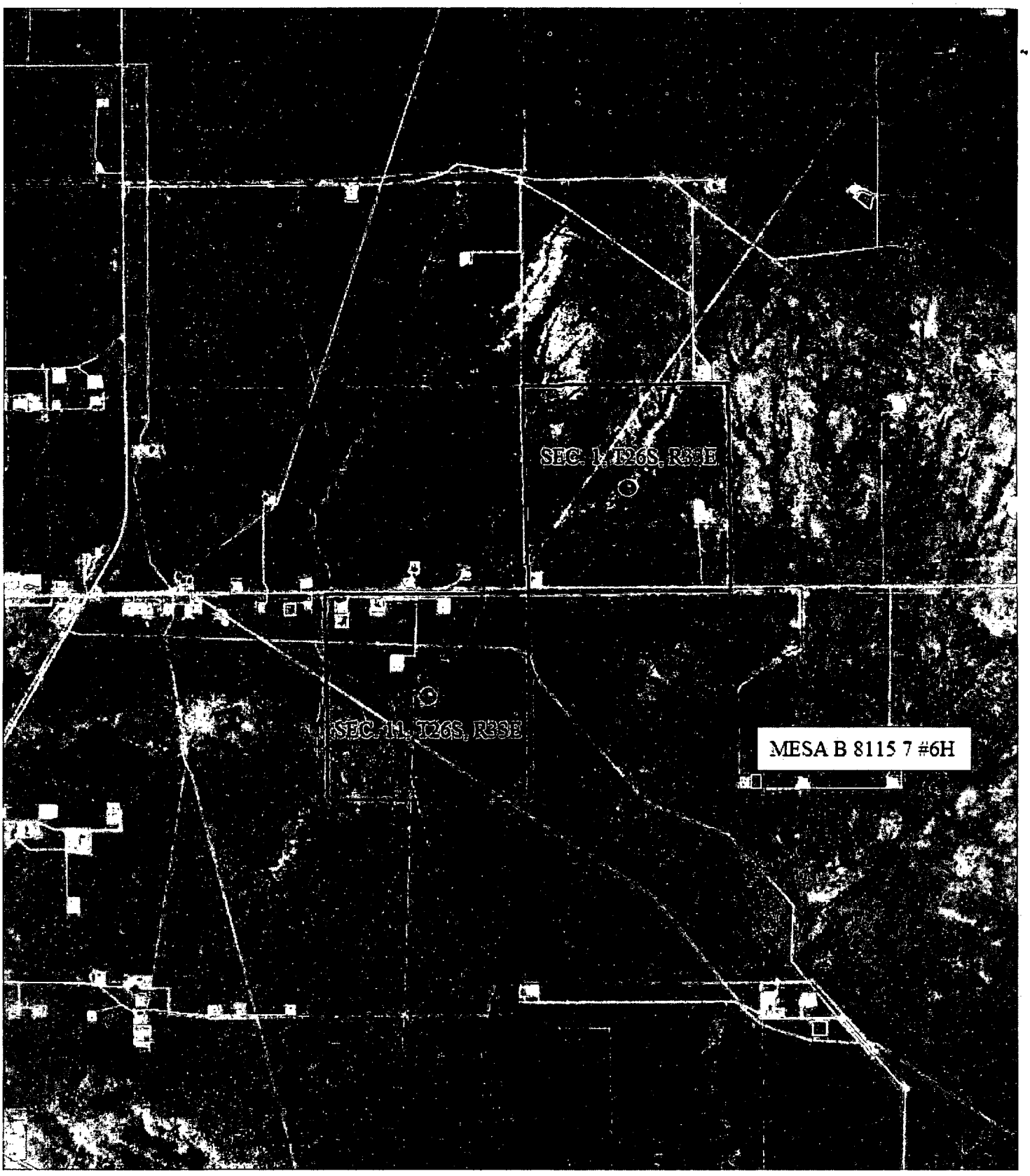
PROPOSED FLOWLINE PLAT

MESA B 8115 7 #6H & #7H

SEC: 7 TWP:26S RGE: 33E

STATE: NEW MEXICO COUNTY: LEA

BTA



LEGEND

— WTR. TRANS. ROUTE

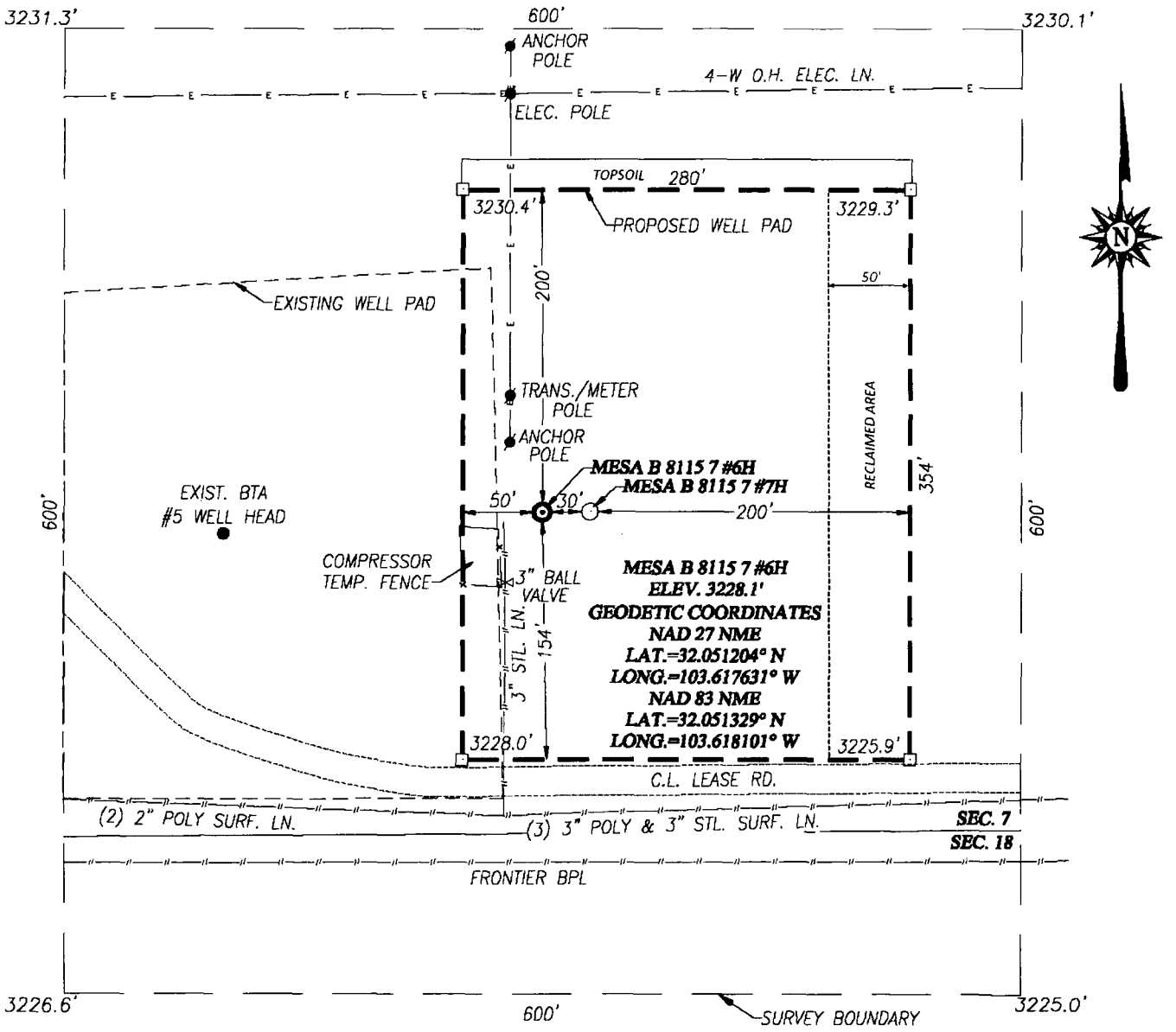
WATER TRANSPORTATION ROUTE

MESA B 8115 7 #6H

SEC: 7 TWP:26S RGE: 33E

STATE: NEW MEXICO COUNTY: LEA

WELL SITE PLAN



NOTE:
SEE "TOPOGRAPHICAL AND ACCESS ROAD MAP" FOR PROPOSED ROAD LOCATION.

DIRECTIONS TO LOCATION:

FROM THE INTERSECTION OF ST. HWY. #128 AND ST. HWY. #18 IN JAL. GO WEST ON ST. HWY. #128 30 MILES TO CO. RD. #J-1 (ORLA RD.), GO SOUTH APPROX. 10.5 MILES. TURN LEFT AND GO EAST APPROX. 3.6 MILES. TURN RIGHT AND GO SOUTH-SOUTHWEST APPROX. 1.1 MILE. TURN LEFT AND GO EAST APPROX. 0.1 MILE TO WELL PAD.

100 0 100 200 Feet

Scale: 1"=100'

BTA OIL PRODUCERS, LLC

MESA B 8115 7 #6H WELL LOCATED 200 FEET FROM THE SOUTH LINE AND 530 FEET FROM THE WEST LINE OF SECTION 7, TOWNSHIP 26 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO

PROVIDING SURVEYING SERVICES SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO HOBBS, N.M. 88240
(575) 393-3117 www.jwsc.biz
TBPLS# 10021000

Survey Date: 3/09/17	CAD Date: 3/15/17	Drawn By: ACK
W.O. No.: 17110193	Rev: .	Rel. W.O.:16111051	Sheet 1 of 1

Section 1 - General

Would you like to address long-term produced water disposal? NO

Section 2 - Lined Pits

Would you like to utilize Lined Pit PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner:

PWD disturbance (acres):

Lined pit PWD on or off channel:

Lined pit PWD discharge volume (bbl/day):

Lined pit specifications:

Pit liner description:

Pit liner manufacturers information:

Precipitated solids disposal:

Decribe precipitated solids disposal:

Precipitated solids disposal permit:

Lined pit precipitated solids disposal schedule:

Lined pit precipitated solids disposal schedule attachment:

Lined pit reclamation description:

Lined pit reclamation attachment:

Leak detection system description:

Leak detection system attachment:

Lined pit Monitor description:

Lined pit Monitor attachment:

Lined pit: do you have a reclamation bond for the pit?

Is the reclamation bond a rider under the BLM bond?

Lined pit bond number:

Lined pit bond amount:

Additional bond information attachment:

Section 3 - Unlined Pits

Would you like to utilize Unlined Pit PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner: **PWD disturbance (acres):**

Unlined pit PWD on or off channel:

Unlined pit PWD discharge volume (bbl/day):

Unlined pit specifications:

Precipitated solids disposal:

Decribe precipitated solids disposal:

Precipitated solids disposal permit:

Unlined pit precipitated solids disposal schedule:

Unlined pit precipitated solids disposal schedule attachment:

Unlined pit reclamation description:

Unlined pit reclamation attachment:

Unlined pit Monitor description:

Unlined pit Monitor attachment:

Do you propose to put the produced water to beneficial use?

Beneficial use user confirmation:

Estimated depth of the shallowest aquifer (feet):

Does the produced water have an annual average Total Dissolved Solids (TDS) concentration equal to or less than that of the existing water to be protected?

TDS lab results:

Geologic and hydrologic evidence:

State authorization:

Unlined Produced Water Pit Estimated percolation:

Unlined pit: do you have a reclamation bond for the pit?

Is the reclamation bond a rider under the BLM bond?

Unlined pit bond number:

Unlined pit bond amount:

Additional bond information attachment:

Section 4 - Injection

Would you like to utilize Injection PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner: **PWD disturbance (acres):**

Injection PWD discharge volume (bbl/day):

Injection well mineral owner:

Injection well type:

Injection well number: **Injection well name:**

Assigned injection well API number? **Injection well API number:**

Injection well new surface disturbance (acres):

Minerals protection information:

Mineral protection attachment:

Underground Injection Control (UIC) Permit?

UIC Permit attachment:

Section 5 - Surface Discharge

Would you like to utilize Surface Discharge PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner: **PWD disturbance (acres):**

Surface discharge PWD discharge volume (bbl/day):

Surface Discharge NPDES Permit?

Surface Discharge NPDES Permit attachment:

Surface Discharge site facilities information:

Surface discharge site facilities map:

Section 6 - Other

Would you like to utilize Other PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner: **PWD disturbance (acres):**

Other PWD discharge volume (bbl/day):

Other PWD type description:

Other PWD type attachment:

Have other regulatory requirements been met?

Other regulatory requirements attachment:

AFMSS

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

Bond Info Data Report

06/04/2018

Bond Information

Federal/Indian APD: FED

BLM Bond number: NM1195

BIA Bond number:

Do you have a reclamation bond? NO

Is the reclamation bond a rider under the BLM bond?

Is the reclamation bond BLM or Forest Service?

BLM reclamation bond number:

Forest Service reclamation bond number:

Forest Service reclamation bond attachment:

Reclamation bond number:

Reclamation bond amount:

Reclamation bond rider amount:

Additional reclamation bond information attachment:

Drilling Plan Data Report

06/04/2018

APD ID: 10400014441 **Submission Date:** 05/23/2017

Operator Name: BTA OIL PRODUCERS LLC

Well Name: MESA B 8115 7 **Well Number:** 6H

Well Type: OIL WELL **Well Work Type:** Drill

Highlighted data reflects the most recent changes

Show Final Text

Section 1 - Geologic Formations

Formation ID	Formation Name	Elevation	True Vertical Depth	Measured Depth	Lithologies	Mineral Resources	Producing Formation
1	QUATERNARY	3228	0	0	ALLUVIUM	NONE	No
2	RUSTLER	2468	760	760		NONE	No
3	TOP SALT	1968	1260	1260	SALT	NONE	No
4	BASE OF SALT	-1232	4460	4460	SALT	NONE	No
5	DELAWARE	-1482	4710	4710		NATURAL GAS,OIL	No
6	BONE SPRING LIME	-5732	8960	8960		NATURAL GAS,OIL	No
7	BONE SPRING	-6442	9670	9670		NATURAL GAS,OIL	Yes

Section 2 - Blowout Prevention

Pressure Rating (PSI): 3M **Rating Depth:** 11100

Equipment: The 13-5/8" blowout preventer equipment (BOP) shown in Exhibit A will consist of a (3M system) double ram type (3000 psi WP) preventer and a bag-type (Hydril) preventer (3000 psi WP). Both units will be hydraulically operated and the ram type preventer will be equipped with blind rams on top and 4-½" drill pipe rams on bottom. The BOP's will be installed on the 13 3/8" surface casing and utilized continuously until total depth is reached. All BOP's and associated equipment will be tested as per BLM drilling Operations Order No. 2. A 2" kill line and 3" choke line will be incorporated in the drilling spool below the ram-type BOP. Other accessory BOP equipment will include a Kelly cock, floor safety valve, choke lines, and choke manifold having a 3000 psi WP rating.

Requesting Variance? YES

Variance request: A choke hose variance is requested. See attached test chart and spec.

Testing Procedure: Pipe rams will be operated and checked each 24-hour period and each time the drill pipe is out of the hole. These functional tests will be documented on the daily driller's log.

Choke Diagram Attachment:

Choke Hose - Test Chart and Specs_12-08-2016.pdf

Mesa_B_8115_7___3k_Choke_05-22-2017.pdf

BOP Diagram Attachment: