NM OIL CONSERVATION
ARTESIA DISTRICT
OCT 22 2019
RECEIVED

Form 3160-3
(June 2015)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
NMLC0029339A

6. If Indian, Allotee or Tribe Name

1a. Type of work: ☑ DRILL ☐ REENTER

1b. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Other

1c. Type of Completion: ☐ Hydraulic Fracturing ☐ Single Zone ☑ Multiple Zone

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

8. Lease Name and Well No.
STEVENS B 13C-14B
1H 326231

2. Name of Operator
BURNETT OIL COMPANY INCORPORATED

9. API Well No.
30-015-46407

3a. Address	3b. Phone No. *(include area code)*	10. Field and Pool, or Exploratory
Burnett Plaza - Suite 1500, 801 Cherry Street - Unit 9 Fort	(817)583-8730	CEDAR LAKE / GLORIETA YESO

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*
At surface LOT B / 660 FNL / 2140 FEL / LAT 32.839922 / LONG -103.923764
At proposed prod. zone LOT B / 660 FNL / 2540 FEL / LAT 32.839931 / LONG -103.9442256

11. Sec., T. R. M. or Blk. and Survey or Area
SEC 13 / T17S / R30E / NMP

14. Distance in miles and direction from nearest town or post office*	12. County or Parish	13. State
27 miles	EDDY	NM

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No of acres in lease	17. Spacing Unit dedicated to this well
660 feet	560	160

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth	20. BLM/BIA Bond No. in file
582 feet	6155 feet / 11567 feet	FED: NMB000197

21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will start*	23. Estimated duration
3756 feet	10/01/2019	14 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, and the Hydraulic Fracturing rule per 43 CFR 3162.3-3 (as applicable)

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 requested by the BLM.

25. Signature	Name *(Printed/Typed)*	Date
(Electronic Submission)	Leslie Garvis / Ph: (817)583-8730	07/17/2019
Title: Regulatory Coordinator		
Approved by *(Signature)* (Electronic Submission)	Name *(Printed/Typed)* Cody Layton / Ph: (575)234-5959	Date 09/26/2019
Title: Assistant Field Manager Lands & Minerals	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.

APPROVED WITH CONDITIONS

Approval Date: 09/26/2019

(Continued on page 2)

*(Instructions on page 2)

Ref 10-22-19

Additional Operator Remarks

Location of Well

1. SHL: LOT B / 660 FNL / 2140 FEL / TWSP: 17S / RANGE: 30E / SECTION: 13 / LAT: 32.839922 / LONG: -103.923764 (TVD: 0 feet, MD: 0 feet)
   PPP: LOT C / 660 FNL / 2639 FWL / TWSP: 17S / RANGE: 30E / SECTION: 13 / LAT: 32.839925 / LONG: -103.925392 (TVD: 6193 feet, MD: 6500 feet)
   PPP: LOT A / 660 FNL / 0 FWL / TWSP: 17S / RANGE: 30E / SECTION: 13 / LAT: 32.839928 / LONG: -103.933986 (TVD: 6193 feet, MD: 6500 feet)
   BHL: LOT B / 660 FNL / 2540 FEL / TWSP: 17S / RANGE: 30E / SECTION: 14 / LAT: 32.839931 / LONG: -103.9442256 (TVD: 6155 feet, MD: 11567 feet)

BLM Point of Contact

Name: Tanja Baca
Title: Admin Support Assistant
Phone: 5752345940
Email: tabaca@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

09/26/2019

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: Leslie Garvis **Signed on:** 07/17/2019

Title: Regulatory Coordinator

Street Address: Burnett Plaza - Suite 1500, 801 Cherry Street - Unit 9

City: Fort Worth **State:** TX **Zip:** 76102

Phone: (817)583-8730

Email address: lgarvis@burnettoil.com

Field Representative

Representative Name: Tyler Deans

Street Address:

City: **State:** **Zip:**

Phone:

Email address: tdeans@burnettoil.com

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

Application Data Report

09/26/2019

APD ID: 10400043127 **Submission Date:** 07/17/2019

Operator Name: BURNETT OIL COMPANY INCORPORATED

Well Name: STEVENS B 13C-14B **Well Number:** 1H

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

Highlighted data reflects the most recent changes

Show Final Text

Section 1 - General

APD ID: 10400043127 **Tie to previous NOS?** Y **Submission Date:** 07/17/2019

BLM Office: CARLSBAD **User:** Leslie Garvis **Title:** Regulatory Coordinator

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

Lease number: NMLC0029339A **Lease Acres:** 560

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:** BURNETT OIL COMPANY INCORPORATED

Operator letter of designation:

Operator Info

Operator Organization Name: BURNETT OIL COMPANY INCORPORATED

Operator Address: Burnett Plaza - Suite 1500, 801 Cherry Street - Unit 9 **Zip:** 76102

Operator PO Box:

Operator City: Fort Worth **State:** TX

Operator Phone: (817)583-8730

Operator Internet Address:

Section 2 - Well Information

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

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

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

Well Name: STEVENS B 13C-14B **Well Number:** 1H **Well API Number:**

Field/Pool or Exploratory? Field and Pool **Field Name:** CEDAR LAKE **Pool Name:** GLORIETA YESO

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

Operator Name: BURNETT OIL COMPANY INCORPORATED

Well Name: STEVENS B 13C-14B **Well Number:** 1H

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

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

Type of Well Pad: SINGLE WELL **Multiple Well Pad Name:** **Number:**

Well Class: HORIZONTAL **Number of Legs:** 1

Well Work Type: Drill

Well Type: OIL WELL

Describe Well Type:

Well sub-Type: INFILL

Describe sub-type:

Distance to town: 27 Miles **Distance to nearest well:** 582 FT **Distance to lease line:** 660 FT

Reservoir well spacing assigned acres Measurement: 160 Acres

Well plat: 2019.07.17_Well_Pad_20190717151720.pdf

2019.07.17_Lease_Map_20190717173929.pdf

STEVENS_B_13C_14N_1H_FLOW_LINE_20190717180108.pdf

Well work start Date: 10/01/2019 **Duration:** 14 DAYS

Section 3 - Well Location Table

Survey Type: RECTANGULAR

Describe Survey Type:

Datum: NAD83 **Vertical Datum:** NAVD88

Survey number: **Reference Datum:**

	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	660	FNL	2140	FEL	17S	30E	13	Lot B	32.839922	-103.923764	EDDY	NEW MEXICO	NEW MEXICO	F	NMLC0029339A	3756	0	0
KOP Leg #1	660	FNL	2140	FEL	17S	30E	13	Lot B	32.839922	-103.923764	EDDY	NEW MEXICO	NEW MEXICO	F	NMLC0029339A	3756	0	0

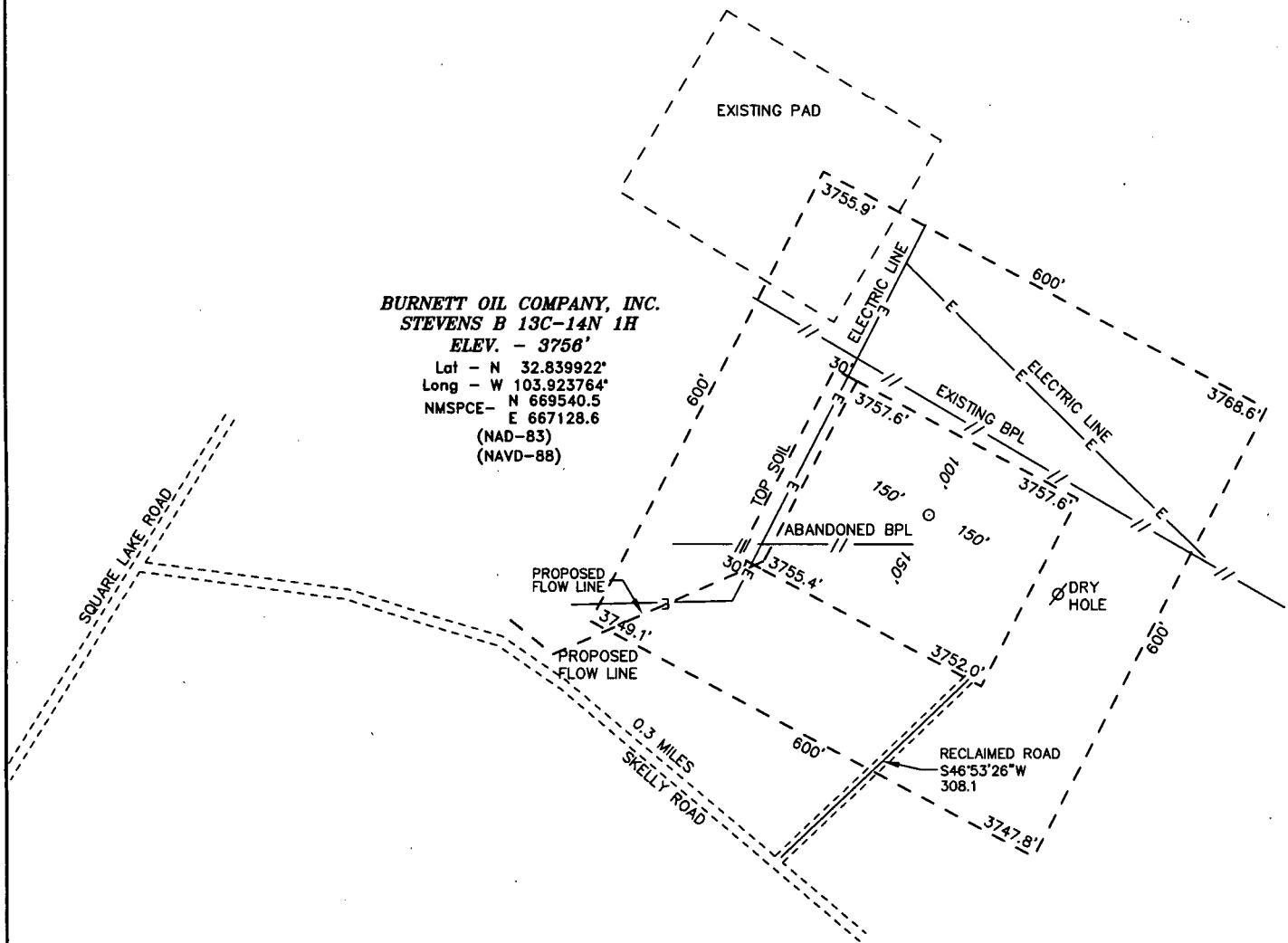
Operator Name: BURNETT OIL COMPANY INCORPORATED

Well Name: STEVENS B 13C-14B **Well Number:** 1H

	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
PPP Leg #1	660	FNL	0	FWL	17S	30E	13	Lot A	32.839928	-103.933986	EDDY	NEW MEXICO	NEW MEXICO	F	NMLC0029338A	-2437	6500	6193
PPP Leg #1	660	FNL	2639	FWL	17S	30E	13	Lot C	32.839925	-103.925392	EDDY	NEW MEXICO	NEW MEXICO	F	NMLC0055958	-2437	6500	6193
EXIT Leg #1	660	FNL	2540	FEL	17S	30E	14	Lot B	32.839931	-103.9442256	EDDY	NEW MEXICO	NEW MEXICO	F	NMLC0029338A	-2399	11567	6155
BHL Leg #1	660	FNL	2540	FEL	17S	30E	14	Lot B	32.839931	-103.9442256	EDDY	NEW MEXICO	NEW MEXICO	F	NMLC0029338A	-2399	11567	6155

SECTION 13, TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M.,

EDDY COUNTY, **NEW MEXICO.**



ARTESIA, NM IS ±27 MILES TO THE WEST OF LOCATION.

200 0 200 400 FEET

SCALE: 1" = 200'

Directions to Location:

FROM HIGHWAY 82 GO NORTH ON SQUARE LAKE ROAD 1.8 MILES THEN GO EAST ON SKELLY ROAD 0.3 MILES, THEN NORTH 308.1 FEET TO PROPOSED LOCATION.

BURNETT OIL CO.

REF: STEVENS B 13C-14N 1H / WELL PAD TOPO

THE STEVENS B 13C-14N 1H LOCATED 660' FROM THE NORTH LINE AND 2140' FROM THE EAST LINE OF SECTION 13, TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.

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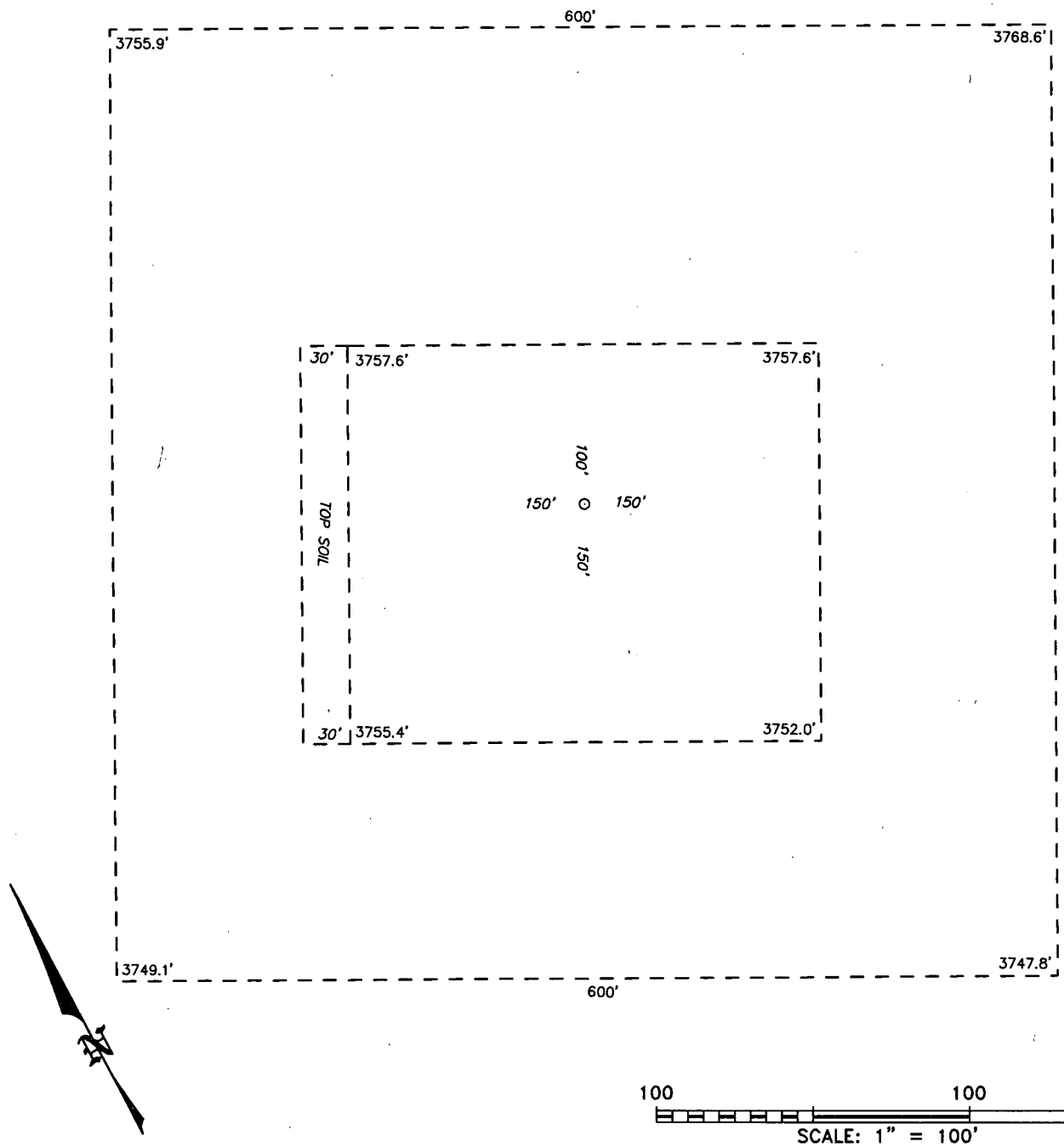
(575) 392-2206 - Fax
basinsurveys.com

W.O. Number: 34580	Drawn By: J GOAD	Date: 7-11-2019	Survey Date: 6-26-2019	Sheet 1 of 1 Sheets

SECTION 13, TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M.,

EDDY COUNTY, **NEW MEXICO.**



100 100 200 FEET

SCALE: 1" = 100'

BURNETT OIL CO.

REF: STEVENS B 13C-14N 1H / WELL PAD TOPO

THE STEVENS B 13C-14N 1H LOCATED 660' FROM THE NORTH LINE AND 2140' FROM THE EAST LINE OF SECTION 13, TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.

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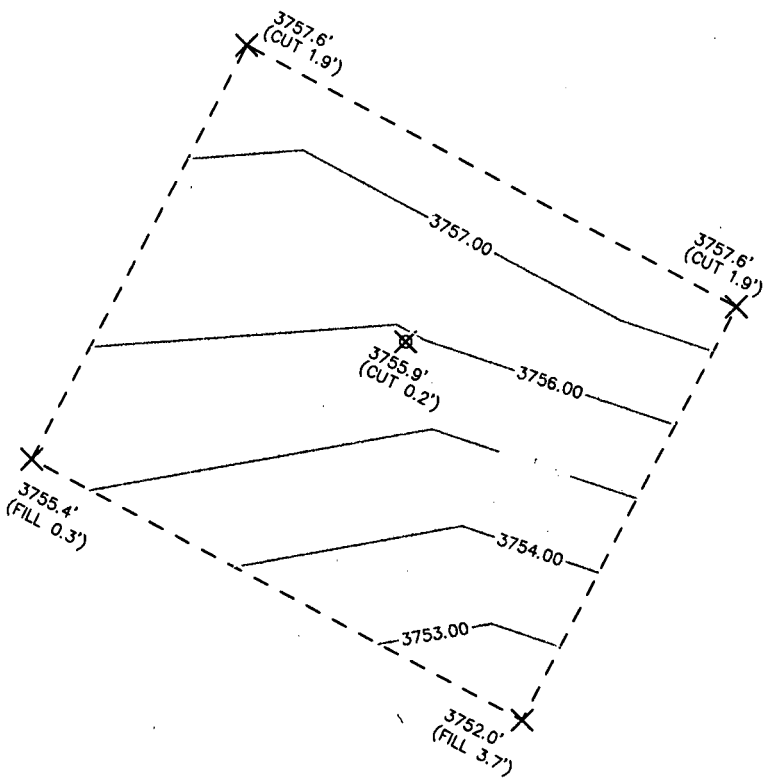
SECTION 13, TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M.,

EDDY COUNTY, **NEW MEXICO.**



100 100 200 FEET

SCALE: 1" = 100'

BURNETT OIL CO.

REF: STEVENS B 13C-14N 1H / CUT & FILL

THE STEVENS B 13C-14N 1H LOCATED 660' FROM THE NORTH LINE AND 2140' FROM THE EAST LINE OF SECTION 13, TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.

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W.O. Number: 34580	Drawn By: J GOAD	Date: 7-11-2019	Survey Date: 6-26-2019	Sheet 1 of 1 Sheets

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 Rd., 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 Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised August 13, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
	96831	CEDAR LAKE GLORIETA YESO

Property Code	Property Name	Well Number
20145	STEVENS A 13F-14G	1H

OGRID No.	Operator Name	Elevation
03080	BURNETT OIL COMPANY, INC.	3741'

Surface Location

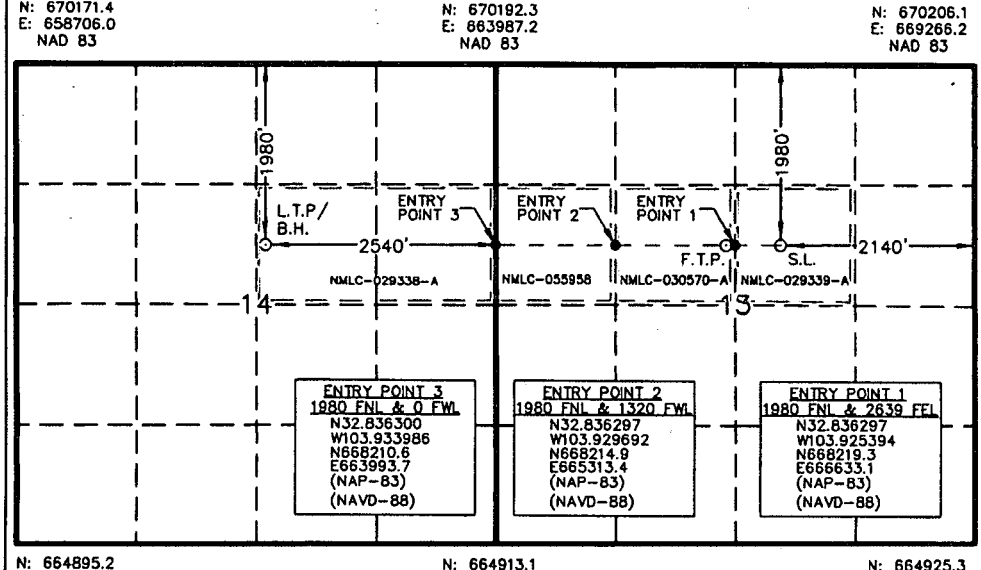
UL or lot No.	Section	Township	Range	Lot Idn	FEET from the	SOUTH/South line	FEET from the	East/EAST line	County
G	13	17 S	30 E		1980	NORTH	2140	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	FEET from the	SOUTH/South line	FEET from the	East/EAST line	County
G	14	17 S	30 E		1980	NORTH	2540	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160			

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



BOTTOM HOLE/
LAST TAKE POINT
Lat - N 32.836303°
Long - W 103.942256°
NMSPCE- N 668202.2
E 661453.7
(NAD-83)
(NAVD-88)

FIRST TAKE POINT
1980 FNL & 2140 FWL
Lat - N 32.836297°
Long - W 103.925717°
NMSPCE- N 668218.9
E 666533.7
(NAD-83)
(NAVD-88)

SURFACE LOCATION/
KICK OFF POINT
Lat - N 32.836296°
Long - W 103.923766°
NMSPCE- N 668221.1
E 667133.1
(NAD-83)
(NAVD-88)

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.

7/17/19

Signature Date

Leslie Garvis

Printed Name

lgarvis@burnettoil.com

Email Address

SURVEYOR CERTIFICATION

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

JUNE 26, 2019

Date Surveyed

Signature & Seal of Professional Surveyor

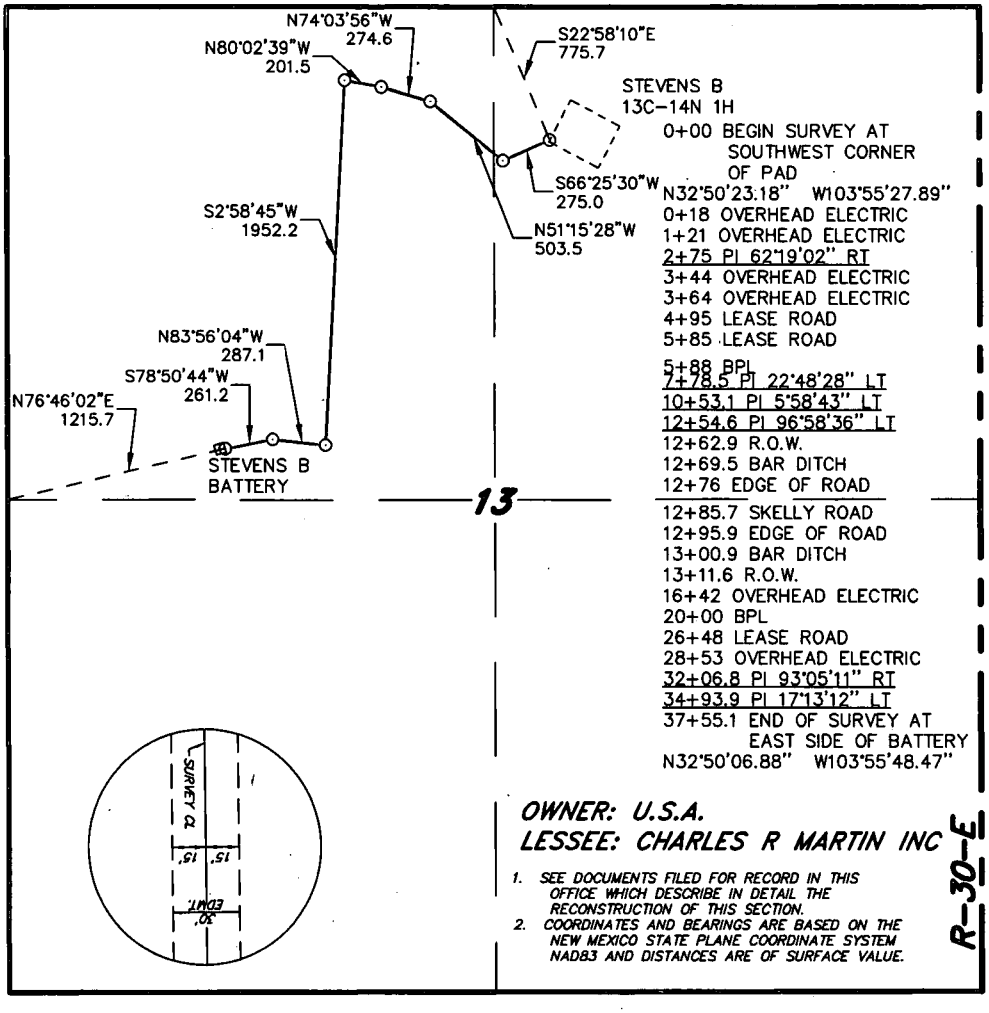
NEW MEXICO
7977
REGISTERED PROFESSIONAL LAND SURVEYOR
BASIN SURVEYS

Certificate Number Gary L. Jones 7977

0' 1000' 2000' 3000' 4000'
2000'

WO Num.: 34581

SECTION 13, TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



LEGAL DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTION 13, TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.

3755.1 FEET = 227.58 RODS = 0.71 MILES = 2.59 ACRES

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ANY REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.

GARY L. JONES, N.M. P.S. No. 7977
TEXAS L.S. No. 5074
TEXAS FIRM No. 10119700

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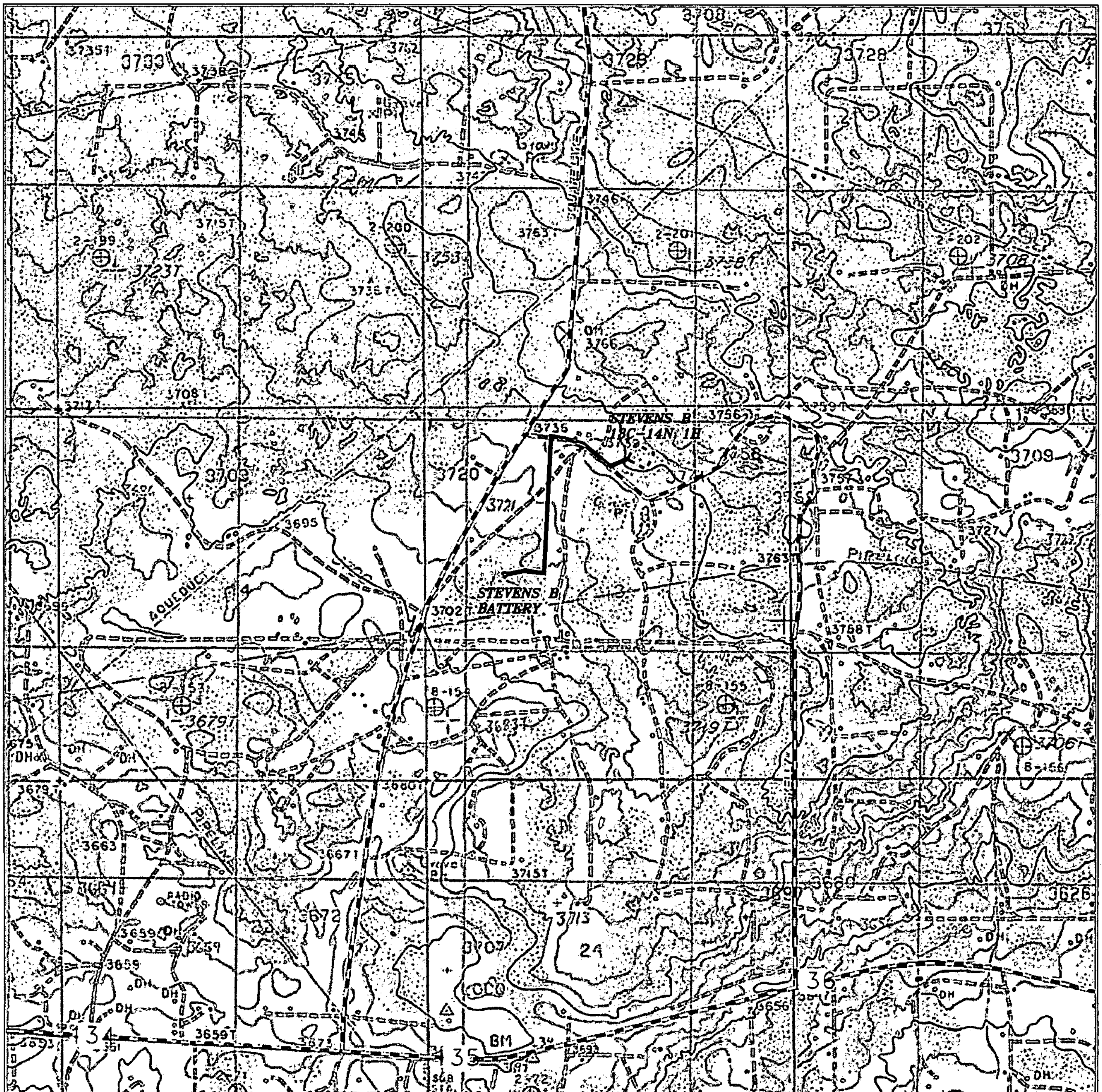
1000 0 1000 2000 FEET

Burnett Oil Co., Inc. 6666

REF: PROPOSED STEVENS B 13C-14N 1H FLOW LINE

A PIPELINE CROSSING USA LAND IN
SECTION 13, TOWNSHIP 17 SOUTH, RANGE 30 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

W.O. Number: 34728	Drawn By: J GOAD	Date: 7-16-2019	Survey Date: 7-12-2019	Sheet 1 of 1 Sheets



PROPOSED STEVENS B 13C–14N 1H FLOW LINE
Section 13, Township 17 South, Range 30 East,
N.M.P.M., Eddy County, New Mexico.

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0' 1000' 2000' 3000' 4000'

SCALE: 1" = 2000'

W.O. Number: JG 34728

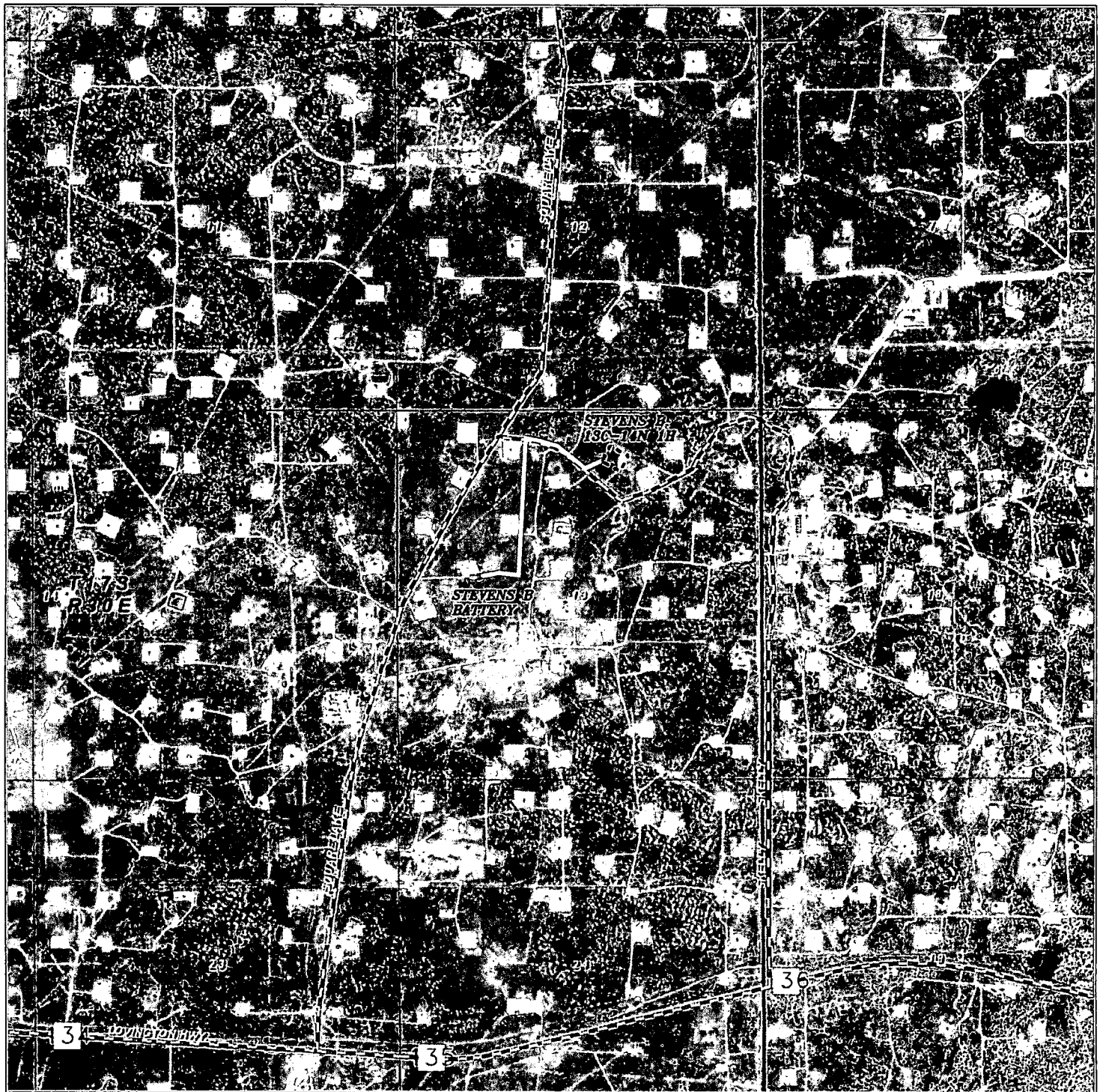
Survey Date: 7–12–2019

YELLOW TINT – USA LAND
BLUE TINT – STATE LAND
NATURAL COLOR – FEE LAND

N

Burnett Oil Co., Inc.

6666



PROPOSED STEVENS B 13C-14N 1H FLOW LINE
Section 13, Township 17 South, Range 30 East,
N.M.P.M., Eddy County, New Mexico.

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0' 1000' 2000' 3000' 4000'
SCALE: 1" = 2000'

W.O. Number: JG 34728

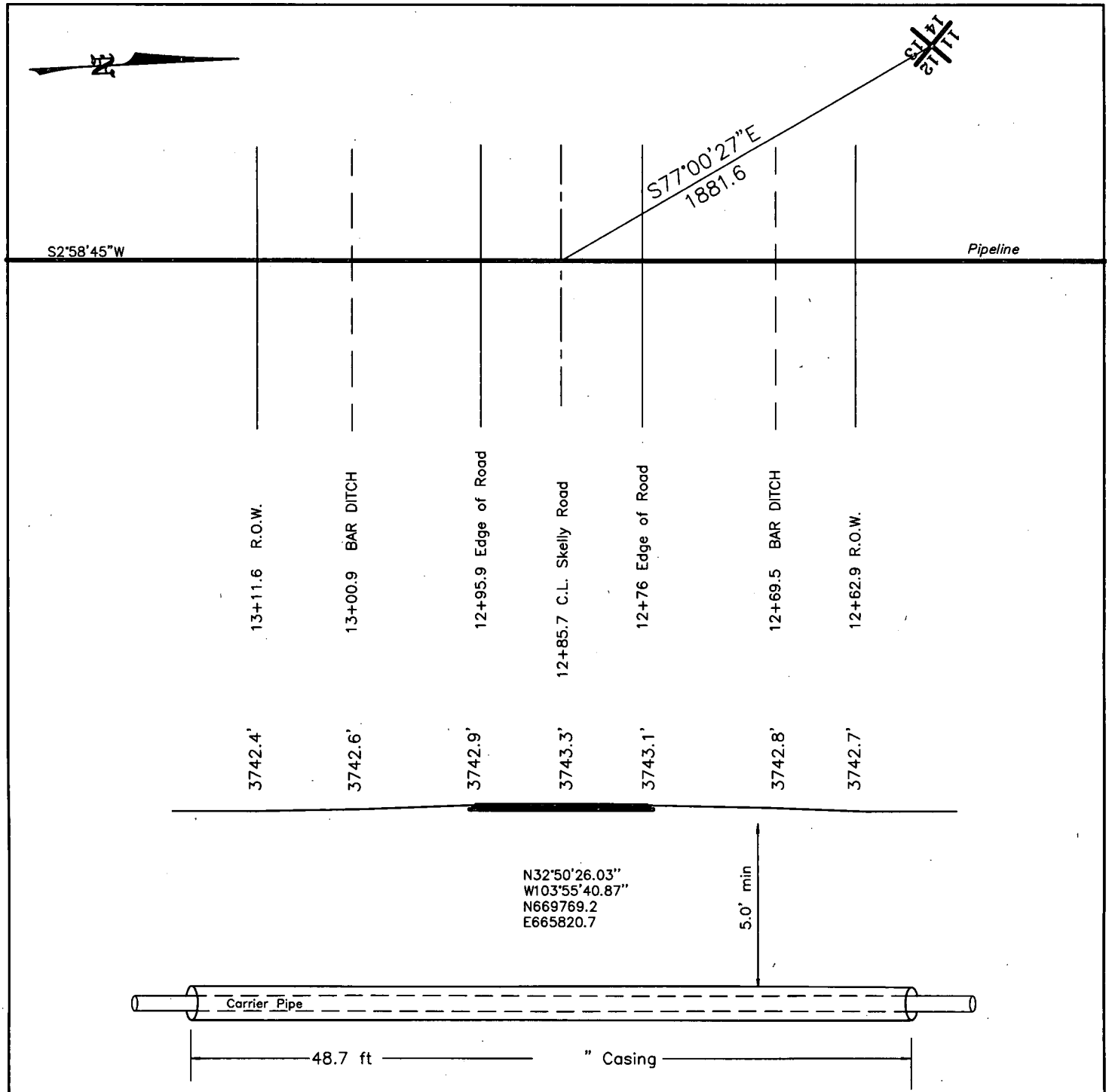
Survey Date: 7-12-2019

YELLOW TINT - USA LAND
BLUE TINT - STATE LAND
NATURAL COLOR - FEE LAND

N

Burnett Oil Co., Inc.

6666



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	Carrier Pipe	Casing Pipe
Contents		
O.D.		
I.D.		
Material		
W.T.		
Grade		

Burnett Oil Co., Inc. 6666

PROPOSED CROSSING OF SKELLY ROAD

REF: PROPOSED STEVENS B 13C-14N 1H FLOW LINE

A PIPELINE CROSSING SKELLY ROAD

SECTION 13, TOWNSHIP 17 SOUTH, RANGE 30 EAST,

N.M.P.M., EDDY COUNTY, NEW MEXICO.

Date: 7-16-2019	W.O. Number: 34728	Drawn By: J. GOAD

AFMSS

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

Drilling Plan Data Report

09/26/2019

APD ID: 10400043127 **Submission Date:** 07/17/2019

Operator Name: BURNETT OIL COMPANY INCORPORATED

Well Name: STEVENS B 13C-14B **Well Number:** 1H

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	RUSTLER	3487	269	269	ANHYDRITE,SHALE	NONE	N
2	SALADO	2998	489	489	SALT	NONE	N
3	BASE OF SALT	2181	1306	1306	ANHYDRITE	NONE	N
4	YATES	2024	1463	1463	ANHYDRITE,SHALE	NONE	N
5	SEVEN RIVERS	1743	1744	1744	ANHYDRITE,DOLOMITE	NATURAL GAS,OIL	Y
6	QUEEN	1136	2351	2351	ANHYDRITE,SANDSTONE	NATURAL GAS,OIL	Y
7	GRAYBURG	732	2755	2755	DOLOMITE	NATURAL GAS,OIL	Y
8	SAN ANDRES	421	3066	3066	DOLOMITE	NATURAL GAS,OIL	Y
9	GLORIETA	-1073	4560	4560	SHALE,SANDSTONE	NATURAL GAS,OIL	Y
10	YESO	-1148	4635	4635	DOLOMITE	NATURAL GAS,OIL	Y

Section 2 - Blowout Prevention

Pressure Rating (PSI): 3M **Rating Depth:** 8000

Equipment: The blowout prevention equipment (BOPE) shown in the attached diagram will consist of a 3000 PSI Hydril Unit (annular) with hydraulic closing equipment. Other accessory BOP equipment will include a Kelly cock, floor safety valve, choke lines and choke manifold having 3000 PSI WP rating.

Requesting Variance? NO

Variance request:

Testing Procedure: The equipment will comply with Onshore Order #2. BOPE will be tested to 3,000 psi and the Annular tested to 1,500 psi and maintained for at least ten (10) minutes. The 13 3/8" x 13 5/8" drilling head will be installed on the surface casing and in use continuously until total depth is reached. An independent testing company will be used for the testing.

Choke Diagram Attachment:

Operator Name: BURNETT OIL COMPANY INCORPORATED

Well Name: STEVENS B 13C-14B **Well Number:** 1H

2019.09.25_BOP_20190925123617.pdf

BOP Diagram Attachment:

2019.09.25_BOP_20190925123629.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	CONDUCTOR	24	20.0	NEW	API	N	0	90	0	90			90	OTHER	0	N/A						
2	SURFACE	17.5	13.375	NEW	API	N	0	720	0	720			720	J-55	48	ST&C	1.125	1	DRY	1.8	DRY	1.8
3	INTERMEDIATE	12.25	9.625	NEW	API	N	0	2000	0	2000			2000	J-55	36	ST&C	1.125	1	DRY	1.8	DRY	1.8
4	PRODUCTION	8.5	7.0	NEW	API	N	0	4800	0	4800			4800	L-80	26	LT&C	1.125	1	DRY	1.8	DRY	1.8
5	PRODUCTION	8.5	5.5	NEW	API	N	4800	11567	4800	6155			6767	L-80	17	LT&C	1.125	1	DRY	1.8	DRY	1.8

Casing Attachments

Casing ID: 1 **String Type:** CONDUCTOR

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Operator Name: BURNETT OIL COMPANY INCORPORATED

Well Name: STEVENS B 13C-14B **Well Number:** 1H

Casing Attachments

Casing ID: 2 **String Type:** SURFACE

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Casing_Safety_Factors_20190715162608.pdf

Casing ID: 3 **String Type:** INTERMEDIATE

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Casing_Safety_Factors_20190715162619.pdf

Casing ID: 4 **String Type:** PRODUCTION

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Casing_Safety_Factors_20190715162630.pdf

Operator Name: BURNETT OIL COMPANY INCORPORATED

Well Name: STEVENS B 13C-14B **Well Number:** 1H

Casing Attachments

Casing ID: 5 **String Type:** PRODUCTION

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Casing_Safety_Factors_20190715162640.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
CONDUCTOR	Lead		0	90	0	0	0	0	0	Other	0
SURFACE	Lead		0	720	330	1.75	13.5	576	100	ExtendaCem	CZ 0.1250 lbm Poly-E-Flake
INTERMEDIATE	Lead		0	2000	475	1.75	13.5	831	50	ExtendaCem	CZ 0.1250 lbm Poly-E-Flake
INTERMEDIATE	Tail		0	2000	205	1.33	14.8	272	50	HalCem	0
PRODUCTION	Lead	4700	0	4800	1135	1.48	13	1680	20	PVL + 1.3% (BWOW) PF44 Salt + 5% PF174 Expanding Cement	+ 0.5% PF606 Fluidloss + 0.2% PF13 Retarder + 0.1%PF153 Antisettling + 0.4 pps PF45 Defoamer
PRODUCTION	Lead		4800	11567	305	1.82	12.9	555	35	35/65 PerLite/C	+ 5% (BWOW) PF44 Salt + 6% PF20 Bentonite + 0.2% PF13 Retarder + 3 pps PF42 Kol-Seal + 0.4 pps PF45 Defoamer + 0.125

Operator Name: BURNETT OIL COMPANY INCORPORATED

Well Name: STEVENS B 13C-14B **Well Number:** 1H

String Type	Lead/Tail	Stage Tool Depth	Top MD	Bottom MD	Quantity(sx)	Yield	Density	Cu Ft	Excess%	Cement type	Additives
											pps PF29 Cellophane
PRODUCTION	Tail		4800	10648	150	1.48	13	222	35	PVL + 1.3% (BWOW) PF44 Salt + 5% PF174 Expanding Cement	+ 0.5% PF606 Fluidloss + 0.1% PF153 Antisettling + 0.4 pps PF45 Defoamer

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: The necessary mud products for weight addition and fluid loss will be on locations at all times.

Describe the mud monitoring system utilized: Pason equipment will be used to monitor the mud system.

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	720	WATER-BASED MUD	8.4	9.5							
720	2000	OTHER : Brine	8.4	10							
2000	6155	OTHER : Brine	8.4	10							

Operator Name: BURNETT OIL COMPANY INCORPORATED

Well Name: STEVENS B 13C-14B **Well Number:** 1H

Section 6 - Test, Logging, Coring

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

No open hole logs will be run

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

MUDLOG

Coring operation description for the well:

No cores ot DSTs are planned at this time.

Section 7 - Pressure

Anticipated Bottom Hole Pressure: 2739 **Anticipated Surface Pressure:** 1376.54

Anticipated Bottom Hole Temperature(F): 105

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

Describe:

Contingency Plans geoharzards description:

Contingency Plans geohazards attachment:

Hydrogen Sulfide drilling operations plan required? YES

Hydrogen sulfide drilling operations plan:

07.11.2019_H2S_Plan_20190715164245.pdf
Emergency_Contact_List_20190715164300.pdf
07.11.2019_Contingency_Plan_20190715164315.pdf

Section 8 - Other Information

Proposed horizontal/directional/multi-lateral plan submission:

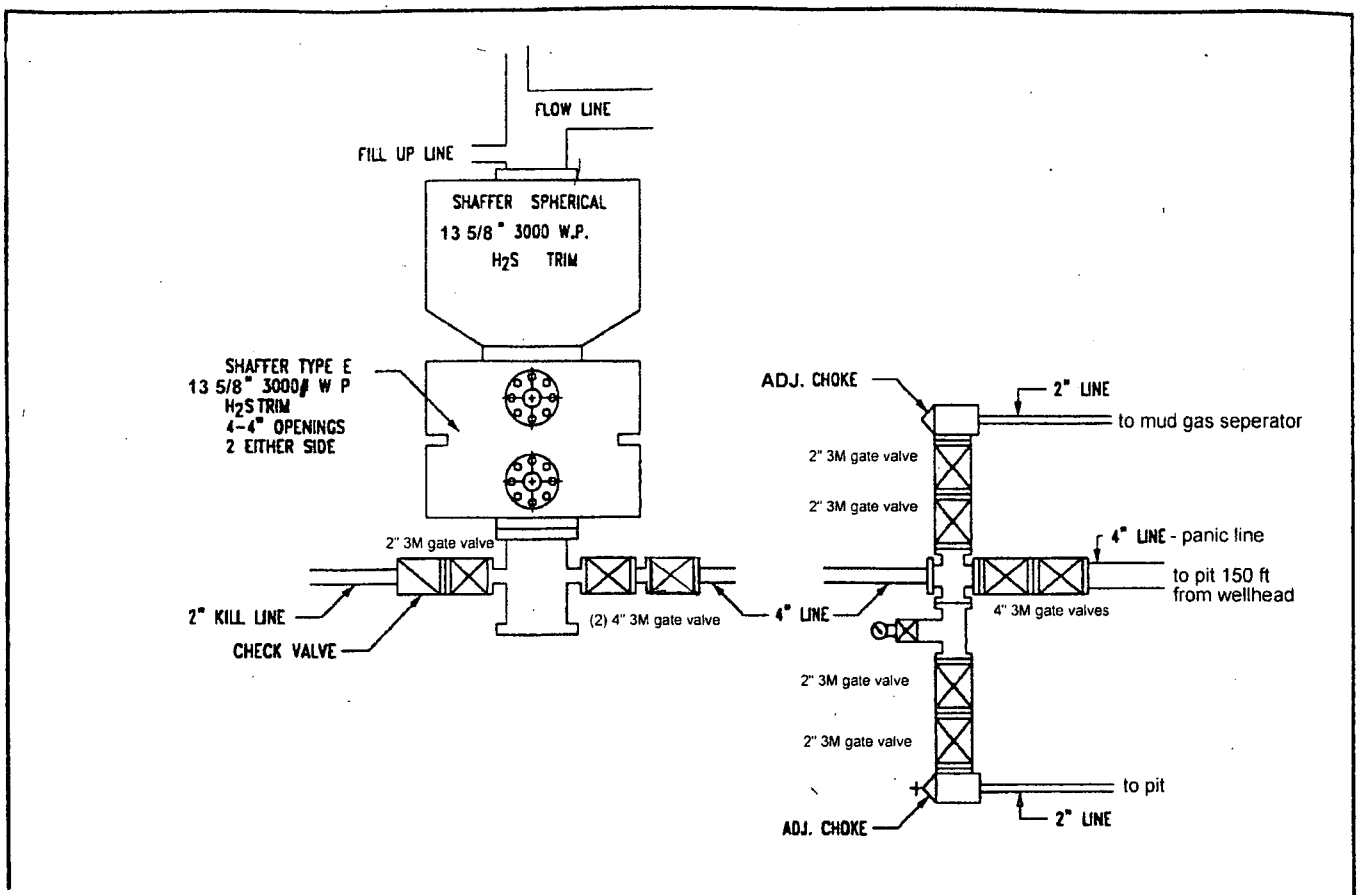
2019.6.3_Stevens_B_13C_14B_1H_Plan__1_20190715164331.pdf

Other proposed operations facets description:

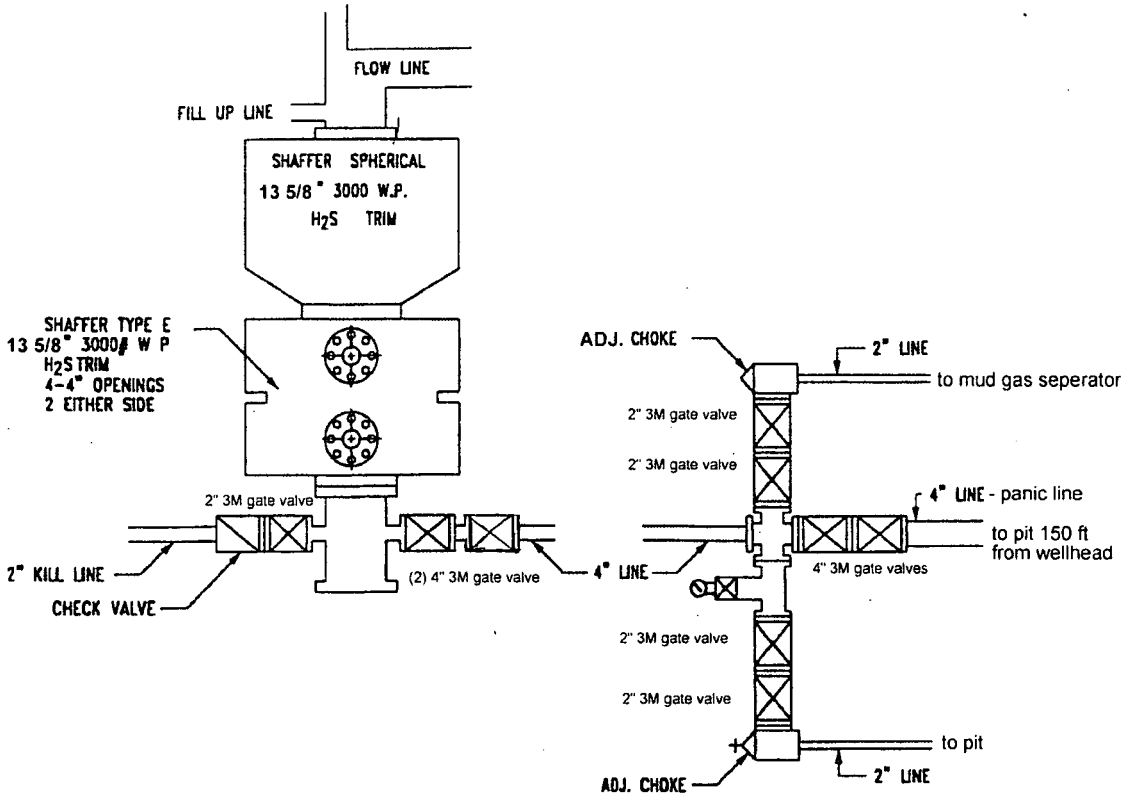
Other proposed operations facets attachment:

Other Variance attachment:

13 5/8 " 3M BOP Stack



13 5/8 " 3M BOP Stack



Burnett Oil Co., Inc.
801 Cherry Street- Unit #9 Fort Worth, Texas
76102-6881
Phone: 817-332-5108 Fax: 817-332-2438

Collapse Pressure	Safety Factor	Min		Burst Pressure	Safety Factor	Min		Tension	Safety Factor	Min		
			13-3/8" 48# J-55									
			ST&C									
			770				1,730,000				322,000	
351	1.125	395		351	1.0	351		36,000	1.8	64,800		
			9-5/8" 36# J-55									
			ST&C									
			2,000				3,520				453,000	
1220	1.125	1,372		1,220	1.0	1,220		82,800	1.8	149,040		
			7" 26# L-80									
			LT&C									
			5,410				7,240				511,000	
								186,114	1.8	335,005		
			7" 23# L-80									
			LT&C									
			3,830				6,340				435,000	
								186,114	1.8	335,005		
			7" 26# J-55									
			LT&C									
			4,320				4,980				367,000	
								202,314	1.8	364,165		
			5-1/2" 17# L-80									
			LT&C									
			6,290				7,740				338,000	
-	1.125	-		-	1.0	-		153,714	1.8	276,685		

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1220	1.125	1,372		1,220	1.0	1,220		82,800	1.8	149,040		
			7" 26# L-80									
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			5,410				7,240				511,000	
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			3,830				6,340				435,000	
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			7" 26# J-55									
			LT&C									
			4,320				4,980				367,000	
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			7" 26# L-80									
			LT&C									
			5,410				7,240				511,000	
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			LT&C									
			6,290				7,740				338,000	
-	1.125	-		-	1.0	-		153,714	1.8	276,685		

BURNETT OIL CO., INC.

HYDROGEN SULFIDE (H2S) PLAN & TRAINING

This plan was developed in accordance with 43 CFR 3162.3-1, section III.C, Onshore Oil and Gas Operations Order No. 6.

Based on our area testing H2S at 100 PPM has a radius of 139' and does not get off our well sites. There are no schools, residences, churches, parks, public buildings, recreation area or public within 2+ miles of our area.

A. Training

1. Training of Personnel

All personnel, whether regularly assigned, contracted, or employed on an unscheduled basis, will receive training from a qualified instructor in accordance with 43 CFR 3162.3-1, section III.C.3.a. Training will be given in the following areas prior to commencing drilling operations on each well:

a. The hazards and characteristics of Hydrogen Sulfide (H2S).

b. The proper use and maintenance of personal protective equipment and life support systems.

c. The proper use of H2S detectors, alarms, warning systems, briefing areas, evacuation procedures and the prevailing wind.

d. The proper techniques for first aid and rescue procedures.

e. **ATTACHED HYDROGEN SULFIDE (H2S) CONTINGENCY PLAN DRILLING EXHIBIT L.**

f. **ATTACHED EMERGENCY CALL LIST FOR ANY ON SITE EMERGENCY DRILLING EXHIBIT M.**

2. Training of Supervisory Personnel

In addition to the training above, supervisory personnel will also be trained in the following areas:

a. The effects of H2S on metal components. If high tensile tubulars are to be used, personnel will be trained in special maintenance requirements.

b. Corrective action and shut-in procedures when drilling or reworking a well, blowout prevention and well control procedures.

c. The contents and requirements of the H2S Drilling Operations Plan and the Public Protection Plan (if applicable.)

3. Initial and Ongoing Training

There will be an initial training session just prior to encountering a known or probable H2S zone (within 3 days or 500 feet) and weekly H2S and well control drills for all personnel in each crew. The initial training session shall include a review of the site specific H2S Drilling Operations Plan and the Public Protection Plan (if applicable). This plan shall be available at the well site. All personnel will be required to carry documentation that they have received the proper training.

B. H2S Drilling Operations Plan

1. Well Control Equipment
   a. Flare line(s) and means of ignition
   b. Remote control choke
   c. Flare gun/flares
   d. Mud-gas separator

2. **Protective equipment for essential personnel:**
   a. Mark II Surviveair (or equivalent) 30 minute units located in the dog house and at the primary briefing area (to be determined.)
   b. Means of communication when using protective breathing apparatus.

3. **H2S detection and monitoring equipment:**
   a. Three (3) portable H2S monitors positioned on location for best coverage and response. These units have warning lights at 10 PPM and warning lights and audible sirens when H2S levels of 15 PPM is reached. A digital display inside the doghouse shows current H2S levels at all three (3) locations.
   b. An H2S Safety compliance set up is on location during all operations.
   c. We will monitor and start fans at 1- ppm or less, an increase over 10 ppm results in the shutdown and installation of the mud/gas separator.
   d. Portable H2S and SO2 monitor(s).

4. **Visual warning systems:**
   a. Wind direction indicators will be positioned for maximum visibility.
   b. Caution/Danger signs will be posted on roads providing direct access to location. Signs will be painted a high visibility yellow with black lettering of sufficient size to be readable at reasonable distance from the immediate location. Bilingual signs will be used when appropriate.

5. **Mud program:**
   a. The mud program has been designed to minimize the volume of H2S circulated to the surface Proper mud weight, safe drilling practices and the use of H2S scavengers will minimize hazards when penetrating H2S bearing zones.

6. **Metallurgy:**
   a. All drill strings, casings, tubing, wellheads, Hydril BOPS, drilling spools, kill lines, choke manifold, valves and lines will be suitable for H2S service.
   b. All elastomers used for packing and seals shall be H2S trim.

7. **Communication**:
   a. Cellular Telephone and/or 2-way radio will be provided at well site.
   b. Landline telephone is located in our field office.

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BURNETT OIL CO., INC.

EXHIBIT M - EMERGENCY NOTIFICATION LIST

BURNETT CONTACTS

Burnett's New Mexico Office — **817.332.5108 x202**
87 Square Lake Road (CR #220) Loco Hills, New Mexico 88255
Directions: Loco Hills, NM – 2 miles east of Loco Hills on US Hwy 82 to CR#220. Then North on CR #220 approximately one (1) mile to office.

Tyler Deans – Engineering Manager — **Cell – 423.553.4699**

Burnett Oil Home Office — **817.332.5108**
Burnett Plaza – Suite 1500 | 801 Cherry Street – Unit #9| Fort Worth, Texas 76102

Walter Glasgow — **Office - 817.583.8871**
VP of Operations – Permian Basin/New Mexico — **Cell - 817.343.5567**

Leslie Garvis — **Office – 817.583.8730**
Regulatory & Government Affairs Manager — **Cell – 713.819.4371**

SHERIFF/POLICE CONTACTS

Eddy County Sheriff	911 or 575.677.2313
New Mexico State Police	575.746.2701

FIRE DEPARTMENT

Loco Hills Fire Department (VOLUNTEER ONLY)	911 or 575.677.2349
For Medical and Fire (Artesia)	575.746.2701

AIR AMBULANCE

Flight for Life Air Ambulance	(Lubbock)	806.743.9911
Aerocare Air Ambulance	(Lubbock)	806.747.8923
Med Flight Air Ambulance	(Albuq)	505.842.4433
S B Med Svc Air Ambulance	(Albuq)	505.842.4949

FEDERAL AND STATE

US Bureau of Land Management (Carlsbad)	575.361.2822	575.234.5972
New Mexico Oil Conservation Division (Artesia)		575.748.1283
New Mexico Emergency Response Commission (24 hour)		575.827.9126
Local Emergency Planning Operation Center (Artesia)		505.842.4949
National Emergency Response Center (Washington, DC)		800.424.8802

OTHER IMPORTANT NUMBERS

Boots & Coots IWC	800.256.9688
Cudd Pressure Control	432.570.5300
Halliburton Services	575.746.2757
BJ Service	575.746.2293

THIS MUST BE POSTED AT THE RIG WHILE ON LOCATION

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BURNETT OIL CO., INC.

EXHIBIT L - HYDROGEN SULFIDE (H2S) CONTIGENCY PLAN

A. Emergency Procedures

In the event of a release of gas containing H2S, the first responder(s) must

1. Isolate the area and prevent entry by other persons into the 100 PPM ROE. Assumed 100PPM ROE = 3000'.
2. Evacuate any public places encompassed by 100 PPM ROE.
3. Be equipped with H2S monitors and air packs in order to control release.
4. Use the "buddy system" to ensure no injuries occur during the response.
5. Take precautions to avoid personal injury during this operation.
6. Have received training in the following:
   a. H2S detection
   b. Measures for protection against this gas
   c. Equipment used for protection and emergency response.

B. Ignition of Gas Source

Should control of the well be considered lost and ignition considered, care will be taken to protect against exposure to Sulfur Dioxide (SO2). Intentional ignition will be coordinated with the NMOCD and local officials. Additionally, the New Mexico State Police may become involved. NM State Police shall be the incident command on scene of any major release. Care will be taken to protect downwind whenever there is an ignition of gas.

C. Characteristics of H2S and SO2

Common Name	Chemical Formula	Specific Gravity	Threshold Limit	Hazardous Limit	Lethal Concentration
Hydrogen Sulfide	H2S	1.189 Air = 1	10 ppm	100 ppm/hr	600 ppm
Sulfur Dioxide	SO2	2.21 Air = 1	2 ppm	NA	1000 ppm

D. Contacting Authorities

Burnett Oil Co., Inc. personal will liaison with local and state agencies to ensure a proper response to a major release. Additionally, the OCD will be notified of the release as soon as possible but no later than four (4) hours after the incident. Agencies will ask for information such as type and volume of release, wind and direction, location of release, etc. Be sure all is written down and ready to give to contact list attached. Burnett's response must be in coordination with the State of New Mexico's Hazardous Materials Emergency Response Plan.

Directions to the site are as follows:

Burnett Office
87 Square Lake Road (CR #220)
Loco Hills, NM 88255

Loco Hills, New Mexico (2 miles East of Loco Hills on US Hwy 82 to C #220. Then North on CR #220 approximately one (1) mile to office.

BURNETT OIL CO., INC.

COMPANY: Burnett Oil Co.
WELL: Stevens B 13C-14B 1H
COUNTY: Eddy County, NM
DATUM: NAD 1927 (NADCON CONUS)
RIG: Original Well Elev
GRID CORRECTION: To convert a Magnetic Direction to a Grid Direction, Add 6.73°

STRYKER DIRECTIONAL
OFFICE: 936.582.7296

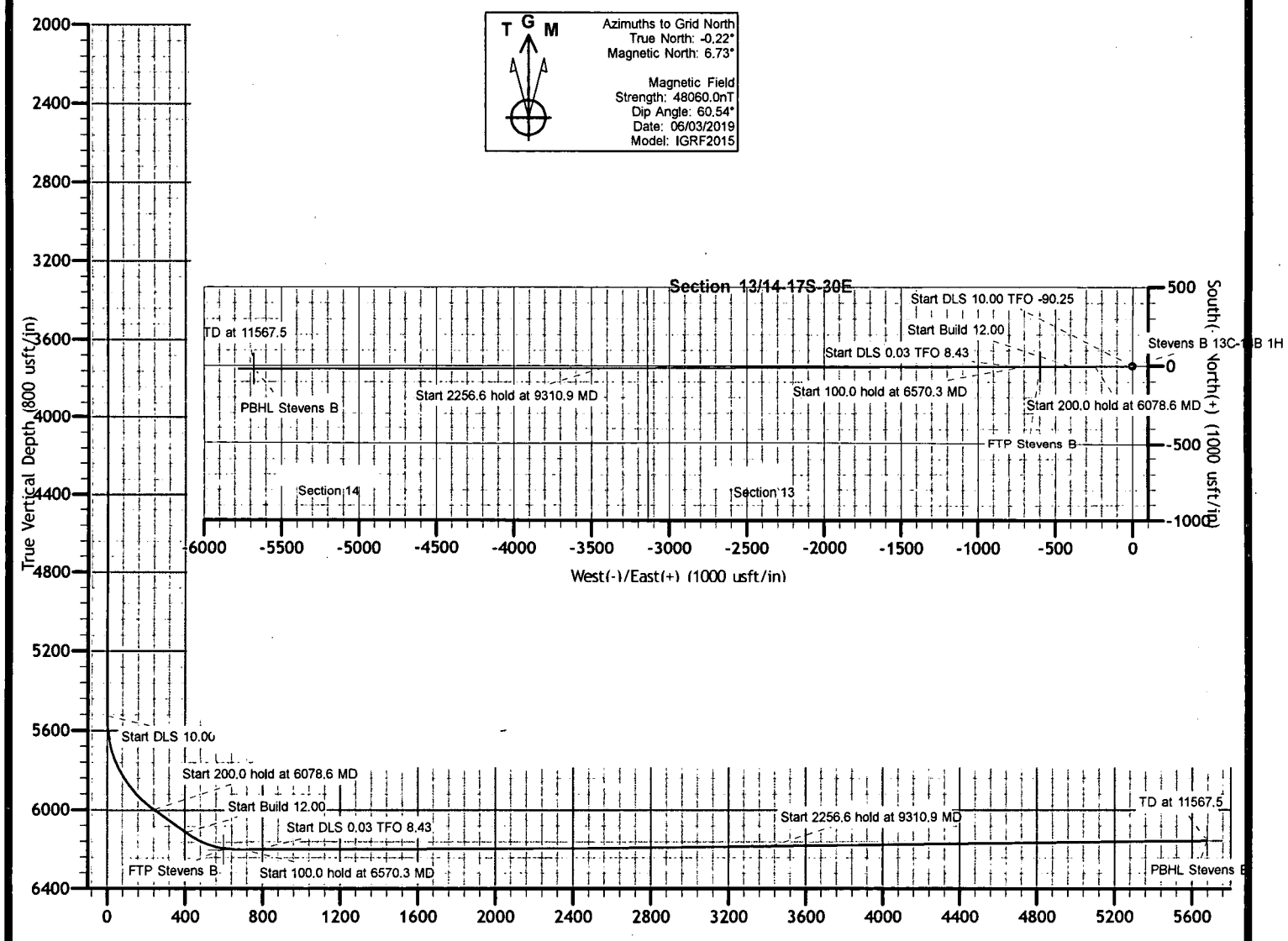
GEODETIC ZONE: New Mexico East 3001
3755+19 @ 3774.0usft (Original Well Elev)
GROUND ELEVATION: 3755.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	669476.71	625949.61	32° 50' 23.298 N	103° 55' 23.726 W	

PLAN SECTIONS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	5528.6	0.00	0.00	5528.6	0.0	0.0	0.00	0.00	0.0	
3	6078.6	55.00	269.75	5997.9	-1.1	-244.3	10.00	-90.25	244.3	
4	6278.6	55.00	269.75	6112.7	-1.8	-408.1	0.00	0.00	408.2	
5	6570.3	90.00	269.75	6199.0	-3.0	-682.0	12.00	0.00	682.0	
6	6670.3	90.00	269.75	6199.0	-3.4	-782.0	0.00	0.00	782.0	
7	9310.9	90.70	269.85	6182.8	-12.5	-3422.6	0.03	8.43	3422.6	
8	11567.5	90.70	269.85	6155.0	-18.3	-5678.9	0.00	0.00	5679.0	PBHL Stevens B

SHL: 660' FNL; 2,140' FEL
Section 13B-17S-30E
PBHL: 660' FNL; 2,540' FEL
Section 14B-17S-30E



BURNETT OIL CO., INC.

Burnett Oil Co.

Eddy County, NM
Section 13/14-17S-30E
Stevens B 13C-14B 1H

Original Hole

Plan: Plan #1

Standard Planning Report

03 June, 2019

STRYKER DIRECTIONAL

Database:	EDM 5000.15 Single User Db	**Local Co-ordinate Reference:**	Site Section 13/14-17S-30E
Company:	Burnett Oil Co.	**TVD Reference:**	3755+19 @ 3774.0usft (Original Well Elev)
Project:	Eddy County, NM	**MD Reference:**	3755+19 @ 3774.0usft (Original Well Elev)
Site:	Section 13/14-17S-30E	**North Reference:**	Grid
Well:	Stevens B 13C-14B 1H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Hole		
Design:	Plan #1		

Project Eddy County, NM

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

Site Section 13/14-17S-30E

Site Position:		**Northing:**	669,476.71 usft	**Latitude:**	32° 50' 23.298 N
From:	Map	**Easting:**	625,949.61 usft	**Longitude:**	103° 55' 23.726 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.22 °

Well Stevens B 13C-14B 1H

Well Position	**+N/-S**	0.0 usft	**Northing:**	669,476.71 usft	**Latitude:**	32° 50' 23.298 N
	+E/-W	0.0 usft	**Easting:**	625,949.61 usft	**Longitude:**	103° 55' 23.726 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**		**Ground Level:**	3,755.0 usft

Wellbore Original Hole

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	06/03/19	6.95	60.54	48,059.99777012

Design Plan #1

Audit Notes:

Version:	**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	269.82

Plan Survey Tool Program **Date** 06/03/19

	Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	11,567.5	Plan #1 (Original Hole)	MWD	
				OWSG MWD - Standard	

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
5,528.6	0.00	0.00	5,528.6	0.0	0.0	0.00	0.00	0.00	0.00	
6,078.6	55.00	269.75	5,997.9	-1.1	-244.3	10.00	10.00	114.50	-90.25	
6,278.6	55.00	269.75	6,112.7	-1.8	-408.1	0.00	0.00	0.00	0.00	
6,570.3	90.00	269.75	6,199.0	-3.0	-682.0	12.00	12.00	0.00	0.00	
6,670.3	90.00	269.75	6,199.0	-3.4	-782.0	0.00	0.00	0.00	0.00	
9,310.9	90.70	269.85	6,182.8	-12.5	-3,422.6	0.03	0.03	0.00	8.43	
11,567.5	90.70	269.85	6,155.0	-18.3	-5,678.9	0.00	0.00	0.00	0.00	PBHL Stevens B

Database:	EDM 5000.15 Single User Db	**Local Co-ordinate Reference:**	Site Section 13/14-17S-30E
Company:	Burnett Oil Co.	**TVD Reference:**	3755+19 @ 3774.0usft (Original Well Elev)
Project:	Eddy County, NM	**MD Reference:**	3755+19 @ 3774.0usft (Original Well Elev)
Site:	Section 13/14-17S-30E	**North Reference:**	Grid
Well:	Stevens B 13C-14B 1H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Hole		
Design:	Plan #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00

Database:	EDM 5000.15 Single User Db	**Local Co-ordinate Reference:**	Site Section 13/14-17S-30E
Company:	Burnett Oil Co.	**TVD Reference:**	3755+19 @ 3774.0usft (Original Well Elev)
Project:	Eddy County, NM	**MD Reference:**	3755+19 @ 3774.0usft (Original Well Elev)
Site:	Section 13/14-17S-30E	**North Reference:**	Grid
Well:	Stevens B 13C-14B 1H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Hole		
Design:	Plan #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,400.0	0.00	0.00	5,400.0	0.0	0.0	0.0	0.00	0.00	0.00
5,500.0	0.00	0.00	5,500.0	0.0	0.0	0.0	0.00	0.00	0.00
5,528.6	0.00	0.00	5,528.6	0.0	0.0	0.0	0.00	0.00	0.00
5,600.0	7.14	269.75	5,599.8	0.0	-4.4	4.4	10.00	10.00	0.00
5,700.0	17.14	269.75	5,697.5	-0.1	-25.4	25.4	10.00	10.00	0.00
5,800.0	27.14	269.75	5,790.0	-0.3	-63.1	63.1	10.00	10.00	0.00
5,900.0	37.14	269.75	5,874.5	-0.5	-116.2	116.2	10.00	10.00	0.00
6,000.0	47.14	269.75	5,948.6	-0.8	-183.2	183.2	10.00	10.00	0.00
6,078.6	55.00	269.75	5,997.9	-1.1	-244.3	244.3	10.00	10.00	0.00
6,100.0	55.00	269.75	6,010.2	-1.1	-261.9	261.9	0.00	0.00	0.00
6,200.0	55.00	269.75	6,067.6	-1.5	-343.8	343.8	0.00	0.00	0.00
6,278.6	55.00	269.75	6,112.7	-1.8	-408.1	408.2	0.00	0.00	0.00
6,300.0	57.57	269.75	6,124.5	-1.9	-425.9	426.0	12.00	12.00	0.00
6,400.0	69.57	269.75	6,169.0	-2.2	-515.3	515.3	12.00	12.00	0.00
6,488.6	80.21	269.75	6,192.0	-2.6	-600.8	600.8	12.00	12.00	0.00
FTP Stevens B									
6,500.0	81.57	269.75	6,193.8	-2.7	-612.0	612.0	12.00	12.00	0.00
6,570.3	90.00	269.75	6,199.0	-3.0	-682.0	682.0	12.00	12.00	0.00
6,600.0	90.00	269.75	6,199.0	-3.1	-711.7	711.7	0.00	0.00	0.00
6,670.3	90.00	269.75	6,199.0	-3.4	-782.0	782.0	0.00	0.00	0.00
6,700.0	90.01	269.75	6,199.0	-3.5	-811.7	811.7	0.03	0.03	0.00
6,800.0	90.03	269.76	6,199.0	-4.0	-911.7	911.7	0.03	0.03	0.00
6,900.0	90.06	269.76	6,198.9	-4.4	-1,011.7	1,011.7	0.03	0.03	0.00
7,000.0	90.09	269.76	6,198.8	-4.8	-1,111.7	1,111.7	0.03	0.03	0.00
7,100.0	90.11	269.77	6,198.6	-5.2	-1,211.7	1,211.7	0.03	0.03	0.00
7,200.0	90.14	269.77	6,198.3	-5.6	-1,311.7	1,311.7	0.03	0.03	0.00
7,300.0	90.17	269.77	6,198.1	-6.0	-1,411.7	1,411.7	0.03	0.03	0.00
7,400.0	90.19	269.78	6,197.8	-6.4	-1,511.7	1,511.7	0.03	0.03	0.00
7,500.0	90.22	269.78	6,197.4	-6.8	-1,611.7	1,611.7	0.03	0.03	0.00
7,600.0	90.25	269.79	6,197.0	-7.2	-1,711.7	1,711.7	0.03	0.03	0.00
7,700.0	90.27	269.79	6,196.5	-7.5	-1,811.7	1,811.7	0.03	0.03	0.00
7,800.0	90.30	269.79	6,196.0	-7.9	-1,911.7	1,911.7	0.03	0.03	0.00
7,900.0	90.33	269.80	6,195.5	-8.3	-2,011.7	2,011.7	0.03	0.03	0.00
8,000.0	90.35	269.80	6,194.9	-8.6	-2,111.7	2,111.7	0.03	0.03	0.00
8,100.0	90.38	269.81	6,194.2	-8.9	-2,211.7	2,211.7	0.03	0.03	0.00
8,200.0	90.41	269.81	6,193.6	-9.3	-2,311.7	2,311.7	0.03	0.03	0.00
8,300.0	90.44	269.81	6,192.8	-9.6	-2,411.7	2,411.7	0.03	0.03	0.00
8,400.0	90.46	269.82	6,192.0	-9.9	-2,511.7	2,511.7	0.03	0.03	0.00
8,500.0	90.49	269.82	6,191.2	-10.2	-2,611.7	2,611.7	0.03	0.03	0.00
8,600.0	90.52	269.83	6,190.3	-10.5	-2,711.7	2,711.7	0.03	0.03	0.00
8,700.0	90.54	269.83	6,189.4	-10.8	-2,811.7	2,811.7	0.03	0.03	0.00
8,800.0	90.57	269.83	6,188.4	-11.1	-2,911.7	2,911.7	0.03	0.03	0.00
8,900.0	90.60	269.84	6,187.4	-11.4	-3,011.7	3,011.7	0.03	0.03	0.00
9,000.0	90.62	269.84	6,186.4	-11.7	-3,111.7	3,111.7	0.03	0.03	0.00
9,100.0	90.65	269.85	6,185.3	-12.0	-3,211.7	3,211.7	0.03	0.03	0.00
9,200.0	90.68	269.85	6,184.1	-12.2	-3,311.7	3,311.7	0.03	0.03	0.00
9,300.0	90.70	269.85	6,182.9	-12.5	-3,411.7	3,411.7	0.03	0.03	0.00
9,310.9	90.70	269.85	6,182.8	-12.5	-3,422.6	3,422.6	0.03	0.03	0.00
9,400.0	90.70	269.85	6,181.7	-12.8	-3,511.7	3,511.7	0.00	0.00	0.00
9,500.0	90.70	269.85	6,180.4	-13.0	-3,611.6	3,611.7	0.00	0.00	0.00
9,600.0	90.70	269.85	6,179.2	-13.3	-3,711.6	3,711.7	0.00	0.00	0.00
9,700.0	90.70	269.85	6,178.0	-13.5	-3,811.6	3,811.7	0.00	0.00	0.00
9,800.0	90.70	269.85	6,176.7	-13.8	-3,911.6	3,911.6	0.00	0.00	0.00

Database:	EDM 5000.15 Single User Db	**Local Co-ordinate Reference:**	Site Section 13/14-17S-30E
Company:	Burnett Oil Co.	**TVD Reference:**	3755+19 @ 3774.0usft (Original Well Elev)
Project:	Eddy County, NM	**MD Reference:**	3755+19 @ 3774.0usft (Original Well Elev)
Site:	Section 13/14-17S-30E	**North Reference:**	Grid
Well:	Stevens B 13C-14B 1H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Hole		
Design:	Plan #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,900.0	90.70	269.85	6,175.5	-14.0	-4,011.6	4,011.6	0.00	0.00	0.00
10,000.0	90.70	269.85	6,174.3	-14.3	-4,111.6	4,111.6	0.00	0.00	0.00
10,100.0	90.70	269.85	6,173.1	-14.5	-4,211.6	4,211.6	0.00	0.00	0.00
10,200.0	90.70	269.85	6,171.8	-14.8	-4,311.6	4,311.6	0.00	0.00	0.00
10,300.0	90.70	269.85	6,170.6	-15.0	-4,411.6	4,411.6	0.00	0.00	0.00
10,400.0	90.70	269.85	6,169.4	-15.3	-4,511.6	4,511.6	0.00	0.00	0.00
10,500.0	90.70	269.85	6,168.1	-15.5	-4,611.6	4,611.6	0.00	0.00	0.00
10,600.0	90.70	269.85	6,166.9	-15.8	-4,711.6	4,711.6	0.00	0.00	0.00
10,700.0	90.70	269.85	6,165.7	-16.1	-4,811.5	4,811.6	0.00	0.00	0.00
10,800.0	90.70	269.85	6,164.4	-16.3	-4,911.5	4,911.6	0.00	0.00	0.00
10,900.0	90.70	269.85	6,163.2	-16.6	-5,011.5	5,011.6	0.00	0.00	0.00
11,000.0	90.70	269.85	6,162.0	-16.8	-5,111.5	5,111.6	0.00	0.00	0.00
11,100.0	90.70	269.85	6,160.8	-17.1	-5,211.5	5,211.5	0.00	0.00	0.00
11,200.0	90.70	269.85	6,159.5	-17.3	-5,311.5	5,311.5	0.00	0.00	0.00
11,300.0	90.70	269.85	6,158.3	-17.6	-5,411.5	5,411.5	0.00	0.00	0.00
11,400.0	90.70	269.85	6,157.1	-17.8	-5,511.5	5,511.5	0.00	0.00	0.00
11,500.0	90.70	269.85	6,155.8	-18.1	-5,611.5	5,611.5	0.00	0.00	0.00
11,567.5	90.70	269.85	6,155.0	-18.3	-5,678.9	5,679.0	0.00	0.00	0.00
PBHL Stevens B									

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PBHL Stevens B - plan hits target center - Point	0.00	0.00	6,155.0	-18.3	-5,678.9	669,458.45	620,270.67	32° 50' 23.331 N	103° 56' 30.289 W
FTP Stevens B - plan misses target center by 7.3usft at 6488.6usft MD (6192.0 TVD, -2.6 N, -600.8 E) - Point	0.00	0.00	6,199.0	-1.6	-599.0	669,475.14	625,350.64	32° 50' 23.306 N	103° 55' 30.747 W

BURNETT OIL CO., INC.

Burnett Oil Co.

Eddy County, NM
Section 13/14-17S-30E
Stevens B 13C-14B 1H

Original Hole

Plan: Plan #1

Standard Planning Report - Geographic

03 June, 2019

STRYKER
DIRECTIONAL

Database:	EDM 5000.15 Single User Db	**Local Co-ordinate Reference:**	Site Section 13/14-17S-30E
Company:	Burnett Oil Co.	**TVD Reference:**	3755+19 @ 3774.0usft (Original Well Elev)
Project:	Eddy County, NM	**MD Reference:**	3755+19 @ 3774.0usft (Original Well Elev)
Site:	Section 13/14-17S-30E	**North Reference:**	Grid
Well:	Stevens B 13C-14B 1H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Hole		
Design:	Plan #1		

Project Eddy County, NM

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

Site Section 13/14-17S-30E

Site Position:		**Northing:**	669,476.71 usft	**Latitude:**	32° 50' 23.298 N
From:	Map	**Easting:**	625,949.61 usft	**Longitude:**	103° 55' 23.726 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.22 °

Well Stevens B 13C-14B 1H

Well Position	**+N/-S**	0.0 usft	**Northing:**	669,476.71 usft	**Latitude:**	32° 50' 23.298 N
	+E/-W	0.0 usft	**Easting:**	625,949.61 usft	**Longitude:**	103° 55' 23.726 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**		**Ground Level:**	3,755.0 usft

Wellbore Original Hole

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	06/03/19	6.95	60.54	48,059.99777012

Design Plan #1

Audit Notes:

Version:		**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	269.82

Plan Survey Tool Program **Date** 06/03/19

	Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	11,567.5	Plan #1 (Original Hole)	MWD OWSG MWD - Standard	

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
5,528.6	0.00	0.00	5,528.6	0.0	0.0	0.00	0.00	0.00	0.00	
6,078.6	55.00	269.75	5,997.9	-1.1	-244.3	10.00	10.00	114.50	-90.25	
6,278.6	55.00	269.75	6,112.7	-1.8	-408.1	0.00	0.00	0.00	0.00	
6,570.3	90.00	269.75	6,199.0	-3.0	-682.0	12.00	12.00	0.00	0.00	
6,670.3	90.00	269.75	6,199.0	-3.4	-782.0	0.00	0.00	0.00	0.00	
9,310.9	90.70	269.85	6,182.8	-12.5	-3,422.6	0.03	0.03	0.00	8.43	
11,567.5	90.70	269.85	6,155.0	-18.3	-5,678.9	0.00	0.00	0.00	0.00	PBHL Stevens B

Database:	EDM 5000.15 Single User Db	**Local Co-ordinate Reference:**	Site Section 13/14-17S-30E
Company:	Burnett Oil Co.	**TVD Reference:**	3755+19 @ 3774.0usft (Original Well Elev)
Project:	Eddy County, NM	**MD Reference:**	3755+19 @ 3774.0usft (Original Well Elev)
Site:	Section 13/14-17S-30E	**North Reference:**	Grid
Well:	Stevens B 13C-14B 1H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Hole		
Design:	Plan #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.0	0.00	0.00	0.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
100.0	0.00	0.00	100.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
200.0	0.00	0.00	200.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
300.0	0.00	0.00	300.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
400.0	0.00	0.00	400.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
500.0	0.00	0.00	500.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
600.0	0.00	0.00	600.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
700.0	0.00	0.00	700.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
800.0	0.00	0.00	800.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
900.0	0.00	0.00	900.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
1,000.0	0.00	0.00	1,000.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
1,100.0	0.00	0.00	1,100.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
1,200.0	0.00	0.00	1,200.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
1,300.0	0.00	0.00	1,300.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
1,400.0	0.00	0.00	1,400.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
1,500.0	0.00	0.00	1,500.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
1,600.0	0.00	0.00	1,600.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
1,700.0	0.00	0.00	1,700.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
1,800.0	0.00	0.00	1,800.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
1,900.0	0.00	0.00	1,900.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
2,000.0	0.00	0.00	2,000.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
2,100.0	0.00	0.00	2,100.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
2,200.0	0.00	0.00	2,200.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
2,300.0	0.00	0.00	2,300.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
2,400.0	0.00	0.00	2,400.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
2,500.0	0.00	0.00	2,500.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
2,600.0	0.00	0.00	2,600.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
2,700.0	0.00	0.00	2,700.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
2,800.0	0.00	0.00	2,800.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
2,900.0	0.00	0.00	2,900.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
3,000.0	0.00	0.00	3,000.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
3,100.0	0.00	0.00	3,100.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
3,200.0	0.00	0.00	3,200.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
3,300.0	0.00	0.00	3,300.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
3,400.0	0.00	0.00	3,400.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
3,500.0	0.00	0.00	3,500.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
3,600.0	0.00	0.00	3,600.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
3,700.0	0.00	0.00	3,700.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
3,800.0	0.00	0.00	3,800.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
3,900.0	0.00	0.00	3,900.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
4,000.0	0.00	0.00	4,000.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
4,100.0	0.00	0.00	4,100.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
4,200.0	0.00	0.00	4,200.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
4,300.0	0.00	0.00	4,300.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
4,400.0	0.00	0.00	4,400.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
4,500.0	0.00	0.00	4,500.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
4,600.0	0.00	0.00	4,600.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
4,700.0	0.00	0.00	4,700.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
4,800.0	0.00	0.00	4,800.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
4,900.0	0.00	0.00	4,900.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
5,000.0	0.00	0.00	5,000.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
5,100.0	0.00	0.00	5,100.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
5,200.0	0.00	0.00	5,200.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
5,300.0	0.00	0.00	5,300.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
5,400.0	0.00	0.00	5,400.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W

Database:	EDM 5000.15 Single User Db	**Local Co-ordinate Reference:**	Site Section 13/14-17S-30E
Company:	Burnett Oil Co.	**TVD Reference:**	3755+19 @ 3774.0usft (Original Well Elev)
Project:	Eddy County, NM	**MD Reference:**	3755+19 @ 3774.0usft (Original Well Elev)
Site:	Section 13/14-17S-30E	**North Reference:**	Grid
Well:	Stevens B 13C-14B 1H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Hole		
Design:	Plan #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
5,500.0	0.00	0.00	5,500.0	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
5,528.6	0.00	0.00	5,528.6	0.0	0.0	669,476.71	625,949.61	32° 50' 23.298 N	103° 55' 23.726 W
5,600.0	7.14	269.75	5,599.8	0.0	-4.4	669,476.70	625,945.17	32° 50' 23.298 N	103° 55' 23.778 W
5,700.0	17.14	269.75	5,697.5	-0.1	-25.4	669,476.60	625,924.17	32° 50' 23.298 N	103° 55' 24.024 W
5,800.0	27.14	269.75	5,790.0	-0.3	-63.1	669,476.44	625,886.53	32° 50' 23.298 N	103° 55' 24.465 W
5,900.0	37.14	269.75	5,874.5	-0.5	-116.2	669,476.21	625,833.40	32° 50' 23.298 N	103° 55' 25.088 W
6,000.0	47.14	269.75	5,948.6	-0.8	-183.2	669,475.92	625,766.39	32° 50' 23.298 N	103° 55' 25.874 W
6,078.6	55.00	269.75	5,997.9	-1.1	-244.3	669,475.65	625,705.29	32° 50' 23.297 N	103° 55' 26.590 W
6,100.0	55.00	269.75	6,010.2	-1.1	-261.9	669,475.57	625,687.76	32° 50' 23.297 N	103° 55' 26.795 W
6,200.0	55.00	269.75	6,067.6	-1.5	-343.8	669,475.21	625,605.85	32° 50' 23.297 N	103° 55' 27.755 W
6,278.6	55.00	269.75	6,112.7	-1.8	-408.1	669,474.93	625,541.46	32° 50' 23.296 N	103° 55' 28.510 W
6,300.0	57.57	269.75	6,124.5	-1.9	-425.9	669,474.86	625,523.67	32° 50' 23.296 N	103° 55' 28.719 W
6,400.0	69.57	269.75	6,169.0	-2.2	-515.3	669,474.47	625,434.28	32° 50' 23.296 N	103° 55' 29.766 W
6,488.6	80.21	269.75	6,192.0	-2.6	-600.8	669,474.09	625,348.83	32° 50' 23.296 N	103° 55' 30.768 W
FTP Stevens B									
6,500.0	81.57	269.75	6,193.8	-2.7	-612.0	669,474.04	625,337.62	32° 50' 23.295 N	103° 55' 30.899 W
6,570.3	90.00	269.75	6,199.0	-3.0	-682.0	669,473.74	625,267.60	32° 50' 23.295 N	103° 55' 31.720 W
6,600.0	90.00	269.75	6,199.0	-3.1	-711.7	669,473.61	625,237.87	32° 50' 23.295 N	103° 55' 32.068 W
6,670.3	90.00	269.75	6,199.0	-3.4	-782.0	669,473.30	625,167.61	32° 50' 23.295 N	103° 55' 32.892 W
6,700.0	90.01	269.75	6,199.0	-3.5	-811.7	669,473.17	625,137.87	32° 50' 23.294 N	103° 55' 33.241 W
6,800.0	90.03	269.76	6,199.0	-4.0	-911.7	669,472.74	625,037.87	32° 50' 23.294 N	103° 55' 34.413 W
6,900.0	90.06	269.76	6,198.9	-4.4	-1,011.7	669,472.32	624,937.87	32° 50' 23.294 N	103° 55' 35.585 W
7,000.0	90.09	269.76	6,198.8	-4.8	-1,111.7	669,471.90	624,837.88	32° 50' 23.293 N	103° 55' 36.757 W
7,100.0	90.11	269.77	6,198.6	-5.2	-1,211.7	669,471.49	624,737.88	32° 50' 23.293 N	103° 55' 37.929 W
7,200.0	90.14	269.77	6,198.3	-5.6	-1,311.7	669,471.09	624,637.88	32° 50' 23.293 N	103° 55' 39.101 W
7,300.0	90.17	269.77	6,198.1	-6.0	-1,411.7	669,470.69	624,537.88	32° 50' 23.293 N	103° 55' 40.273 W
7,400.0	90.19	269.78	6,197.8	-6.4	-1,511.7	669,470.30	624,437.88	32° 50' 23.293 N	103° 55' 41.445 W
7,500.0	90.22	269.78	6,197.4	-6.8	-1,611.7	669,469.92	624,337.88	32° 50' 23.293 N	103° 55' 42.617 W
7,600.0	90.25	269.79	6,197.0	-7.2	-1,711.7	669,469.54	624,237.88	32° 50' 23.293 N	103° 55' 43.789 W
7,700.0	90.27	269.79	6,196.5	-7.5	-1,811.7	669,469.18	624,137.88	32° 50' 23.293 N	103° 55' 44.961 W
7,800.0	90.30	269.79	6,196.0	-7.9	-1,911.7	669,468.81	624,037.89	32° 50' 23.293 N	103° 55' 46.134 W
7,900.0	90.33	269.80	6,195.5	-8.3	-2,011.7	669,468.46	623,937.89	32° 50' 23.293 N	103° 55' 47.306 W
8,000.0	90.35	269.80	6,194.9	-8.6	-2,111.7	669,468.11	623,837.89	32° 50' 23.294 N	103° 55' 48.478 W
8,100.0	90.38	269.81	6,194.2	-8.9	-2,211.7	669,467.77	623,737.89	32° 50' 23.294 N	103° 55' 49.650 W
8,200.0	90.41	269.81	6,193.6	-9.3	-2,311.7	669,467.44	623,637.90	32° 50' 23.295 N	103° 55' 50.822 W
8,300.0	90.44	269.81	6,192.8	-9.6	-2,411.7	669,467.11	623,537.90	32° 50' 23.295 N	103° 55' 51.994 W
8,400.0	90.46	269.82	6,192.0	-9.9	-2,511.7	669,466.79	623,437.90	32° 50' 23.296 N	103° 55' 53.166 W
8,500.0	90.49	269.82	6,191.2	-10.2	-2,611.7	669,466.47	623,337.91	32° 50' 23.296 N	103° 55' 54.338 W
8,600.0	90.52	269.83	6,190.3	-10.5	-2,711.7	669,466.17	623,237.91	32° 50' 23.297 N	103° 55' 55.510 W
8,700.0	90.54	269.83	6,189.4	-10.8	-2,811.7	669,465.87	623,137.92	32° 50' 23.298 N	103° 55' 56.682 W
8,800.0	90.57	269.83	6,188.4	-11.1	-2,911.7	669,465.58	623,037.92	32° 50' 23.299 N	103° 55' 57.854 W
8,900.0	90.60	269.84	6,187.4	-11.4	-3,011.7	669,465.29	622,937.93	32° 50' 23.300 N	103° 55' 59.026 W
9,000.0	90.62	269.84	6,186.4	-11.7	-3,111.7	669,465.01	622,837.93	32° 50' 23.301 N	103° 56' 0.198 W
9,100.0	90.65	269.85	6,185.3	-12.0	-3,211.7	669,464.74	622,737.94	32° 50' 23.302 N	103° 56' 1.370 W
9,200.0	90.68	269.85	6,184.1	-12.2	-3,311.7	669,464.47	622,637.95	32° 50' 23.303 N	103° 56' 2.542 W
9,300.0	90.70	269.85	6,182.9	-12.5	-3,411.7	669,464.22	622,537.95	32° 50' 23.304 N	103° 56' 3.714 W
9,310.9	90.70	269.85	6,182.8	-12.5	-3,422.6	669,464.19	622,527.05	32° 50' 23.304 N	103° 56' 3.842 W
9,400.0	90.70	269.85	6,181.7	-12.8	-3,511.7	669,463.96	622,437.96	32° 50' 23.305 N	103° 56' 4.886 W
9,500.0	90.70	269.85	6,180.4	-13.0	-3,611.6	669,463.71	622,337.97	32° 50' 23.306 N	103° 56' 6.058 W
9,600.0	90.70	269.85	6,179.2	-13.3	-3,711.6	669,463.45	622,237.98	32° 50' 23.308 N	103° 56' 7.230 W
9,700.0	90.70	269.85	6,178.0	-13.5	-3,811.6	669,463.20	622,137.99	32° 50' 23.309 N	103° 56' 8.402 W
9,800.0	90.70	269.85	6,176.7	-13.8	-3,911.6	669,462.95	622,037.99	32° 50' 23.310 N	103° 56' 9.574 W
9,900.0	90.70	269.85	6,175.5	-14.0	-4,011.6	669,462.69	621,938.00	32° 50' 23.311 N	103° 56' 10.746 W
10,000.0	90.70	269.85	6,174.3	-14.3	-4,111.6	669,462.44	621,838.01	32° 50' 23.313 N	103° 56' 11.918 W

Database:	EDM 5000.15 Single User Db	**Local Co-ordinate Reference:**	Site Section 13/14-17S-30E
Company:	Burnett Oil Co.	**TVD Reference:**	3755+19 @ 3774.0usft (Original Well Elev)
Project:	Eddy County, NM	**MD Reference:**	3755+19 @ 3774.0usft (Original Well Elev)
Site:	Section 13/14-17S-30E	**North Reference:**	Grid
Well:	Stevens B 13C-14B 1H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Hole		
Design:	Plan #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
10,100.0	90.70	269.85	6,173.1	-14.5	-4,211.6	669,462.18	621,738.02	32° 50' 23.314 N	103° 56' 13.090 W
10,200.0	90.70	269.85	6,171.8	-14.8	-4,311.6	669,461.93	621,638.03	32° 50' 23.315 N	103° 56' 14.262 W
10,300.0	90.70	269.85	6,170.6	-15.0	-4,411.6	669,461.67	621,538.03	32° 50' 23.316 N	103° 56' 15.434 W
10,400.0	90.70	269.85	6,169.4	-15.3	-4,511.6	669,461.42	621,438.04	32° 50' 23.317 N	103° 56' 16.606 W
10,500.0	90.70	269.85	6,168.1	-15.5	-4,611.6	669,461.17	621,338.05	32° 50' 23.318 N	103° 56' 17.778 W
10,600.0	90.70	269.85	6,166.9	-15.8	-4,711.6	669,460.91	621,238.06	32° 50' 23.320 N	103° 56' 18.950 W
10,700.0	90.70	269.85	6,165.7	-16.1	-4,811.5	669,460.66	621,138.06	32° 50' 23.321 N	103° 56' 20.122 W
10,800.0	90.70	269.85	6,164.4	-16.3	-4,911.5	669,460.40	621,038.07	32° 50' 23.322 N	103° 56' 21.294 W
10,900.0	90.70	269.85	6,163.2	-16.6	-5,011.5	669,460.15	620,938.08	32° 50' 23.323 N	103° 56' 22.466 W
11,000.0	90.70	269.85	6,162.0	-16.8	-5,111.5	669,459.90	620,838.09	32° 50' 23.324 N	103° 56' 23.638 W
11,100.0	90.70	269.85	6,160.8	-17.1	-5,211.5	669,459.64	620,738.10	32° 50' 23.326 N	103° 56' 24.810 W
11,200.0	90.70	269.85	6,159.5	-17.3	-5,311.5	669,459.39	620,638.10	32° 50' 23.327 N	103° 56' 25.982 W
11,300.0	90.70	269.85	6,158.3	-17.6	-5,411.5	669,459.13	620,538.11	32° 50' 23.328 N	103° 56' 27.155 W
11,400.0	90.70	269.85	6,157.1	-17.8	-5,511.5	669,458.88	620,438.12	32° 50' 23.329 N	103° 56' 28.327 W
11,500.0	90.70	269.85	6,155.8	-18.1	-5,611.5	669,458.63	620,338.13	32° 50' 23.330 N	103° 56' 29.499 W
11,567.5	90.70	269.85	6,155.0	-18.3	-5,678.9	669,458.45	620,270.67	32° 50' 23.331 N	103° 56' 30.289 W
PBHL Stevens B									

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PBHL Stevens B - plan hits target center - Point	0.00	0.00	6,155.0	-18.3	-5,678.9	669,458.45	620,270.67	32° 50' 23.331 N	103° 56' 30.289 W
FTP Stevens B - plan misses target center by 7.3usft at 6488.6usft MD (6192.0 TVD, -2.6 N, -600.8 E) - Point	0.00	0.00	6,199.0	-1.6	-599.0	669,475.14	625,350.64	32° 50' 23.306 N	103° 55' 30.747 W

APD ID: 10400043127 **Submission Date:** 07/17/2019

Operator Name: BURNETT OIL COMPANY INCORPORATED

Well Name: STEVENS B 13C-14B **Well Number:** 1H

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:

2019.07.17_New_and_Existing_Roads_20190717152758.pdf

Existing Road Purpose: **Row(s) Exist?** N

ROW ID(s)

ID:

Do the existing roads need to be improved? N

Existing Road Improvement Description:

Existing Road Improvement Attachment:

Section 2 - New or Reconstructed Access Roads

Will new roads be needed? YES

New Road Map:

2019.07.17_New_and_Existing_Roads_20190717152817.pdf

New road type: RESOURCE

Length: 308.1 Feet **Width (ft.):** 20

Max slope (%): 3 **Max grade (%):** 2

Army Corp of Engineers (ACOE) permit required? NO

ACOE Permit Number(s):

New road travel width: 14

New road access erosion control: The access road will be constructed and maintained in a way that will prevent soil erosion and accommodate all weather traffic in accordance with BLM guidelines

New road access plan or profile prepared? NO

New road access plan attachment:

Access road engineering design? NO

Access road engineering design attachment:

Operator Name: BURNETT OIL COMPANY INCORPORATED

Well Name: STEVENS B 13C-14B **Well Number:** 1H

Turnout? N

Access surfacing type: OTHER

Access topsoil source: ONSITE

Access surfacing type description: Caliche

Access onsite topsoil source depth: 0

Offsite topsoil source description:

Onsite topsoil removal process: Approximately six (6) inches of top soil will be stripped from the proposed access road in preparation for construction. The removed top soil will be spread along the edge of the road and the ditch and will be seeded with the BLM approved seed mix.

Access other construction information: When caliche is found, material will be stock piled within the pad site to build the location and road. All construction material will be native caliche. The driving surface will be made of 6" rolled and compacted caliche. It may be available at the proposed location. If unavailable on location or road, caliche will be hauled from nearest BLM approved caliche pit. All access roads will not exceed fourteen (14) feet in width and will disturb as little surface as possible. The maximum width of disturbance during construction shall not exceed twenty (20) feet. Where possible, no improvements will be made on un-surfaced access roads other than to remove vegetation, road irregularities, safety issues or to fill low areas to prevent standing water. Crowning shall be done on the access road driving surface and shall have an approximate grade of 2% from the tip of the crown to the edge of the driving surface. Fence Cuts: No; Cattle guards : No; Culverts: No; Cuts and Fills: Not significant.

Access miscellaneous information:

Number of access turnouts: **Access turnout map:**

Drainage Control

New road drainage crossing: CULVERT

Drainage Control comments: Ditching will be done on both sides of the road the entire length of the road to control drainage. The ditch will have a minimum depth of one (1) foot below and a down sloping berm of six (6) inches above the ground level. All ditching will be completed as per BLM requirements.

Road Drainage Control Structures (DCS) description: Ditching will be done on both sides of the road the entire length of the road to control drainage. The ditch will have a minimum depth of one (1) foot below and a down sloping berm of six (6) inches above the ground level. All ditching will be completed as per BLM requirements.

Road Drainage Control Structures (DCS) attachment:

Access Additional Attachments

Section 2 - New or Reconstructed Access Roads

Will new roads be needed? YES

New Road Map:

2019.07.17_New_and_Existing_Roads_20190717152817.pdf

New road type:

Length: **Width (ft.):**

Max slope (%): **Max grade (%):**

Army Corp of Engineers (ACOE) permit required?

Operator Name: BURNETT OIL COMPANY INCORPORATED

Well Name: STEVENS B 13C-14B **Well Number:** 1H

ACOE Permit Number(s):

New road travel width:

New road access erosion control:

New road access plan or profile prepared?

New road access plan attachment:

Access road engineering design?

Access road engineering design attachment:

Turnout?

Access surfacing type:

Access topsoil source:

Access surfacing type description:

Access onsite topsoil source depth:

Offsite topsoil source description:

Onsite topsoil removal process:

Access other construction information:

Access miscellaneous information:

Number of access turnouts: **Access turnout map:**

Drainage Control

New road drainage crossing:

Drainage Control comments:

Road Drainage Control Structures (DCS) description:

Road Drainage Control Structures (DCS) attachment:

Access Additional Attachments

Section 2 - New or Reconstructed Access Roads

Will new roads be needed? YES

New Road Map:

2019.07.17_New_and_Existing_Roads_20190717152817.pdf

New road type:

Length: **Width (ft.):**

Max slope (%): **Max grade (%):**

Army Corp of Engineers (ACOE) permit required?

Operator Name: BURNETT OIL COMPANY INCORPORATED

Well Name: STEVENS B 13C-14B **Well Number:** 1H

ACOE Permit Number(s):

New road travel width:

New road access erosion control:

New road access plan or profile prepared?

New road access plan attachment:

Access road engineering design?

Access road engineering design attachment:

Turnout?

Access surfacing type:

Access topsoil source:

Access surfacing type description:

Access onsite topsoil source depth:

Offsite topsoil source description:

Onsite topsoil removal process:

Access other construction information:

Access miscellaneous information:

Number of access turnouts: **Access turnout map:**

Drainage Control

New road drainage crossing:

Drainage Control comments:

Road Drainage Control Structures (DCS) description:

Road Drainage Control Structures (DCS) attachment:

Access Additional Attachments

Section 2 - New or Reconstructed Access Roads

Will new roads be needed? YES

New Road Map:

2019.07.17_New_and_Existing_Roads_20190717152817.pdf

New road type:

Length: **Width (ft.):**

Max slope (%): **Max grade (%):**

Army Corp of Engineers (ACOE) permit required?

Operator Name: BURNETT OIL COMPANY INCORPORATED

Well Name: STEVENS B 13C-14B **Well Number:** 1H

ACOE Permit Number(s):

New road travel width:

New road access erosion control:

New road access plan or profile prepared?

New road access plan attachment:

Access road engineering design?

Access road engineering design attachment:

Turnout?

Access surfacing type:

Access topsoil source:

Access surfacing type description:

Access onsite topsoil source depth:

Offsite topsoil source description:

Onsite topsoil removal process:

Access other construction information:

Access miscellaneous information:

Number of access turnouts: **Access turnout map:**

Drainage Control

New road drainage crossing:

Drainage Control comments:

Road Drainage Control Structures (DCS) description:

Road Drainage Control Structures (DCS) attachment:

Access Additional Attachments

Section 3 - Location of Existing Wells

Existing Wells Map? YES

Attach Well map:

2019.07.17_Existing_Wells_20190717152931.pdf

Operator Name: BURNETT OIL COMPANY INCORPORATED

Well Name: STEVENS B 13C-14B **Well Number:** 1H

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

Submit or defer a Proposed Production Facilities plan? SUBMIT

Production Facilities description:

Production Facilities map:

Stevens_B_Tank_Battery_Diagram_20190717153239.pdf

Section 5 - Location and Types of Water Supply

Water Source Table

Water source type: OTHER

Describe type: EOG/Yates Water line

Water source use type: SURFACE CASING
INTERMEDIATE/PRODUCTION CASING
STIMULATION

Source latitude: **Source longitude:**

Source datum:

Water source permit type: OTHER

Water source transport method: PIPELINE

Source land ownership: FEDERAL

Source transportation land ownership: FEDERAL

Water source volume (barrels): 0 **Source volume (acre-feet):** 0

Source volume (gal): 0

Water source and transportation map:

Water_Source_20190717153302.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

Using any construction materials: YES

Construction Materials description: All construction material for the roadway and drilling pad will be native caliche from the nearest BLM approved pit located at NW ¼ SE ¼ of Section 11 in T17S, R31E, Eddy County, NM, or from existing available deposits found on the location. All will be in accordance with the drilling stipulations for this well. If caliche is flipped on location, the following process will be followed. A caliche permit will be obtained from BLM for the caliche pit located at NW ¼ SE ¼ of Section 11 in T17S, R31E, Eddy County, NM by the dirt work vendor prior to pushing up any caliche. Neither caliche nor top soil will be piled outside the well pad. Because this location is being built between two existing locations and utilizing part of each pad, there will not be any topsoil stockpile. When caliche is found, material will be stock piled within the pad site to build the location and road.

Construction Materials source location attachment:

Section 7 - Methods for Handling Waste

Waste type: DRILLING

Waste content description: Drill cuttings will be disposed of in a closed loop system using steel haul off tanks. All drilling fluids will be hauled off location to a contracted off lease disposal location. Trash, waste paper, garbage and junk will be placed in a portable, screened trash container on location. All trash and debris will be transported to an authorized off-lease disposal station within thirty (30) days following the completion activities. A properly maintained Porto-john will be provided for the crews during drilling and completion operations. All will be removed after all completion operations have ended. Waste amount is TBD at this time.

Amount of waste: 0 barrels

Waste disposal frequency : One Time Only

Safe containment description: Oil produced during testing will be put into steel storage tank for later sales.Water produced during testing operations will be put in the steel frac tanks pit until well is turned to the lease tank battery. All produced water will be disposed of through one of our approved disposal methods

Safe containmant attachment:

Operator Name: BURNETT OIL COMPANY INCORPORATED

Well Name: STEVENS B 13C-14B **Well Number:** 1H

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

Disposal type description:

Disposal location description: Off Lease Disposal Location

Reserve Pit

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:

Operator Name: BURNETT OIL COMPANY INCORPORATED

Well Name: STEVENS B 13C-14B **Well Number:** 1H

Section 9 - Well Site Layout

Well Site Layout Diagram:

2019.07.17_Well_Pad_20190717153939.pdf

Comments:

Section 10 - Plans for Surface Reclamation

Type of disturbance: New Surface Disturbance **Multiple Well Pad Name:**

Multiple Well Pad Number:

Recontouring attachment:

Drainage/Erosion control construction: All construction material for the roadway and drilling pad will be native caliche from the nearest BLM approved pit located at NW ¼ SE ¼ of Section 11 in T17S, R31E, Eddy County, NM, or from existing available deposits found on the location. All will be in accordance with the drilling stipulations for this well.

Drainage/Erosion control reclamation: After drilling and successful completion operations are finished, all equipment and other materials not required for normal production operation will be removed.Burnett Oil respectfully requests two (2) years to downsize the drilling location in order to have room for equipment to fracture stimulate three (3) to four (4) intervals. Each one requires a large volume fracture treatment with several pumps, a large sand mover, several frac tans, a treatment can and various other vehicles and equipment. Burnett will, if all fracs are completed before the two (2) years, contact BLM to downsize the location. Refer to attached Exhibit P which shows resulting location after downsizing and showing the sides of location where the caliche would be left for use of kill trucks, hot oil trucks, foam units or whatever is needed to service unit,which is what has to happen if the location is reclaimed on all four (4) sides to the safety anchors.The pad size will be reduced to the amount required for normal operation of the producing well.This reduced portion will be restored to the BLM stipulations. If a well is abandoned, the surface location and unneeded road will be restored according to BLM stipulations within ninety (90) days of final abandon and sit re-seeded with BLM (#2) seed mix.

Well pad proposed disturbance (acres): 1.72
Road proposed disturbance (acres): 0.14
Powerline proposed disturbance (acres): 0
Pipeline proposed disturbance (acres): 2.59
Other proposed disturbance (acres): 0
Total proposed disturbance: 4.45

Well pad interim reclamation (acres): 0.29
Road interim reclamation (acres): 0
Powerline interim reclamation (acres): 0
Pipeline interim reclamation (acres): 0
Other interim reclamation (acres): 0
Total interim reclamation: 0.29

Well pad long term disturbance (acres): 1.43
Road long term disturbance (acres): 0.14
Powerline long term disturbance (acres): 0
Pipeline long term disturbance (acres): 2.59
Other long term disturbance (acres): 0
Total long term disturbance: 4.16

Disturbance Comments:

Reconstruction method: The pad size will be reduced to the amount required for normal operation of the producing well. This reduced portion will be restored to the BLM stipulations. An area approximately 120'x120' is used within the proposed site to remove caliche. Because this location is being built between two existing locations and utilizing part of each pad, there will not be any topsoil stockpile. When caliche is found, material will be stock piled within the pad site to build the location and road.

Topsoil redistribution: Because this location is being built between two existing locations and utilizing part of each pad, there will not be any topsoil stockpile. When caliche is found, material will be stock piled within the pad site to build the location and road.

Soil treatment: As Needed

Operator Name: BURNETT OIL COMPANY INCORPORATED

Well Name: STEVENS B 13C-14B **Well Number:** 1H

Existing Vegetation at the well pad:

Existing Vegetation at the well pad attachment:

Existing Vegetation Community at the road:

Existing Vegetation Community at the road attachment:

Existing Vegetation Community at the pipeline:

Existing Vegetation Community at the pipeline attachment:

Existing Vegetation Community at other disturbances:

Existing Vegetation Community at other disturbances attachment:

Non native seed used? NO

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?

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:**

Total pounds/Acre:

Seed Summary	
Seed Type	**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: Weed control performed on disturbed land i.e. (roads, pads, pipeline) where noxious weeds exist per EPA and BLM requirements.
Weed treatment plan attachment:

Monitoring plan description: ll locations will be monitored on a monthly basis

Monitoring plan attachment:

Success standards: N/A

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: NEW 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:**

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:

Operator Name: BURNETT OIL COMPANY INCORPORATED

Well Name: STEVENS B 13C-14B **Well Number:** 1H

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:**

Section 12 - Other Information

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

ROW Type(s):

ROW Applications

Operator Name: BURNETT OIL COMPANY INCORPORATED

Well Name: STEVENS B 13C-14B **Well Number:** 1H

SUPO Additional Information:

Use a previously conducted onsite? YES

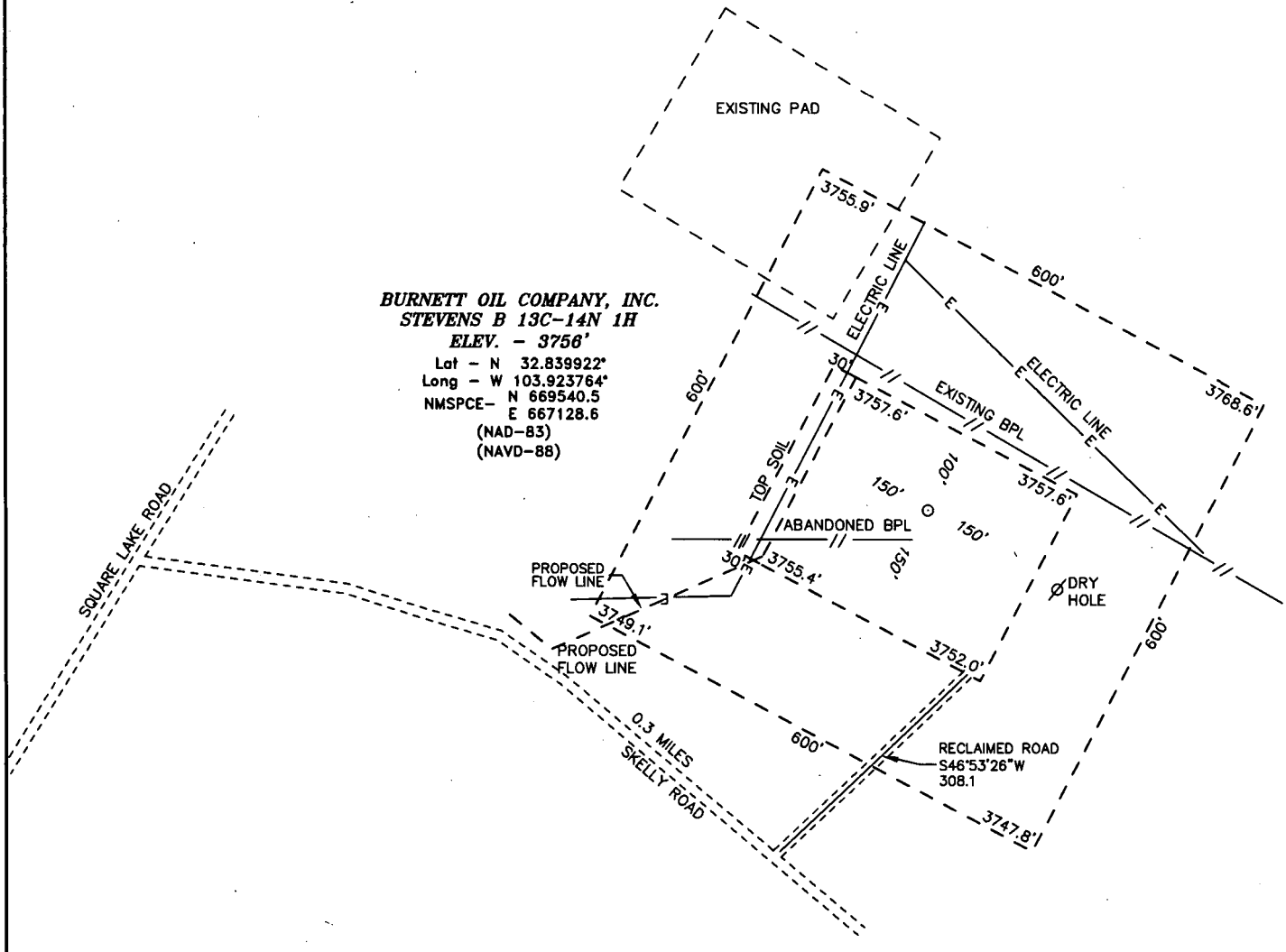
Previous Onsite information: Onsite Conducted 6/25/19 by Matthew Wirth

Other SUPO Attachment

2019.07.17_Well_Pad_20190717153443.pdf
STEVENS_B_13C_14N_1H_FLOW_LINE_20190717153452.pdf
2019.07.17_Lease_Map_20190717180037.pdf
2019.07.17_SB_13C_14N_1H_Interim_Reclamation_Plat__20190816075721.pdf
2019.08.16_Flowlines_20190816082549.pdf

SECTION 13, TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M.,

EDDY COUNTY, **NEW MEXICO.**



ARTESIA, NM IS ±27 MILES TO THE WEST OF LOCATION.

200 0 200 400 FEET

SCALE: 1" = 200'

Directions to Location:

FROM HIGHWAY 82 GO NORTH ON SQUARE LAKE ROAD 1.8 MILES THEN GO EAST ON SKELLY ROAD 0.3 MILES, THEN NORTH 308.1 FEET TO PROPOSED LOCATION.

BURNETT OIL CO.

REF: STEVENS B 13C-14N 1H / WELL PAD TOPO

THE STEVENS B 13C-14N 1H LOCATED 660' FROM THE NORTH LINE AND 2140' FROM THE EAST LINE OF SECTION 13, TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.

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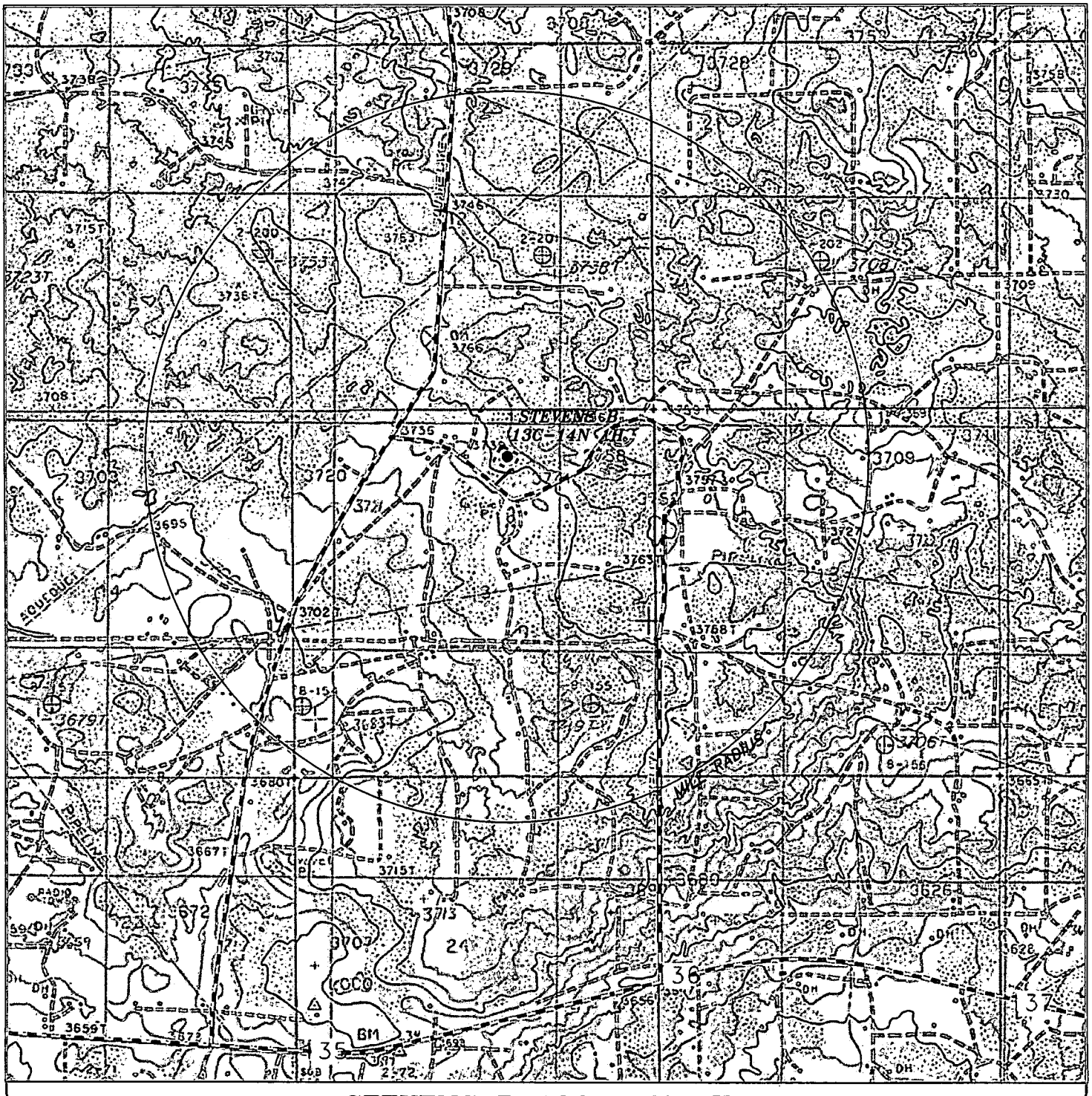
Hobbs, New Mexico 88241
(575) 393-7316 - Office
(575) 392-2206 - Fax
basinsurveys.com

W.O. Number: 34580	Drawn By: J GOAD	Date: 7-11-2019	Survey Date: 6-26-2019	Sheet 1 of 1 Sheets



STEVENS B 13C-14N 1H
Located 660' FNL and 2140' FEL
Section 13, Township 17 South, Range 30 East, N.M.P.M., Eddy County, New Mexico.

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0' 1000' 2000' 3000' 4000'
SCALE: 1" = 2000'

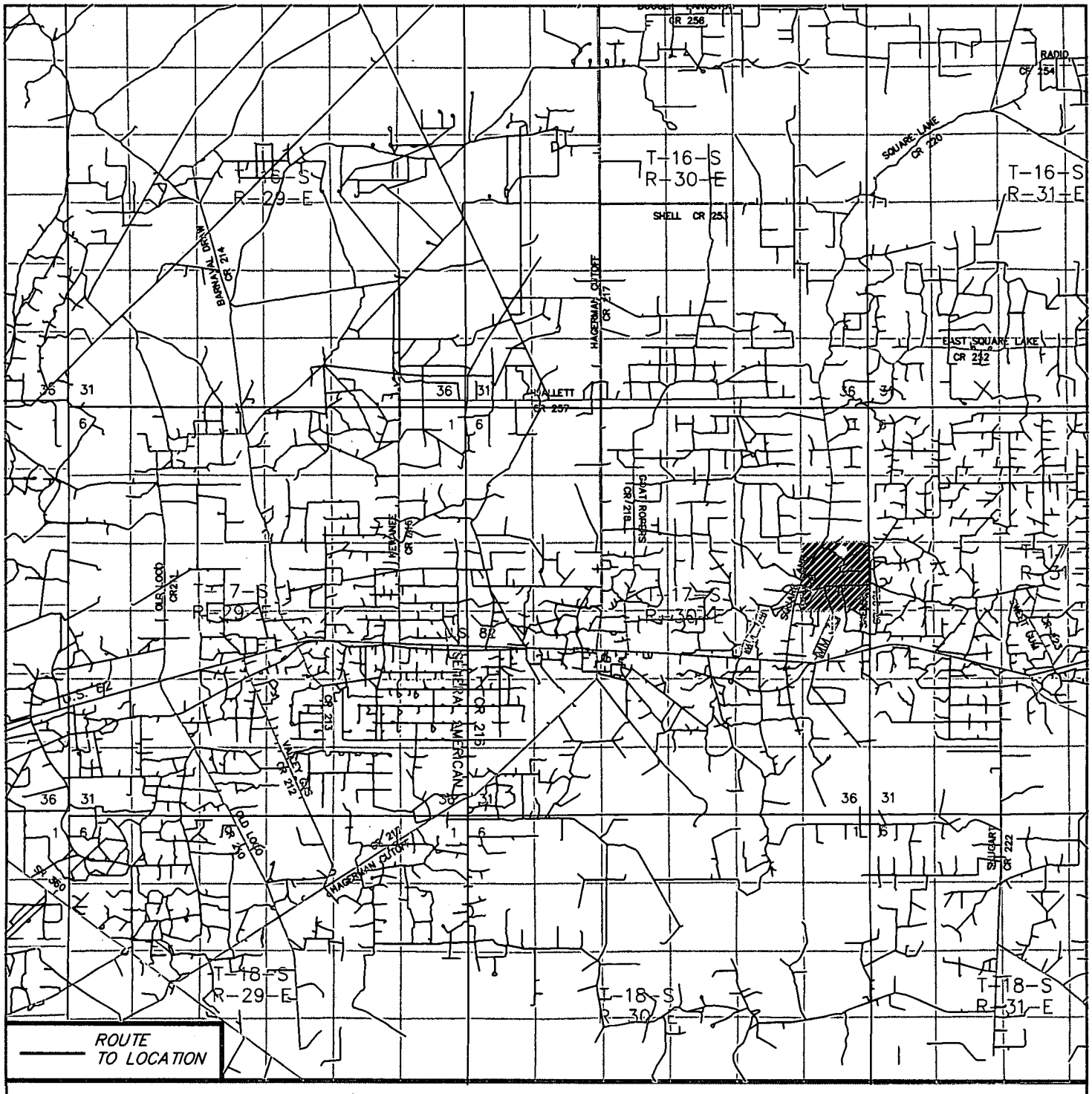
W.O. Number: JG 34580

Survey Date: 6-26-2019

YELLOW TINT - USA LAND
BLUE TINT - STATE LAND
NATURAL COLOR - FEE LAND

N

BURNETT OIL CO.



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0 1 MI 2 MI 3 MI 4 MI
SCALE: 1" = 2 MILES

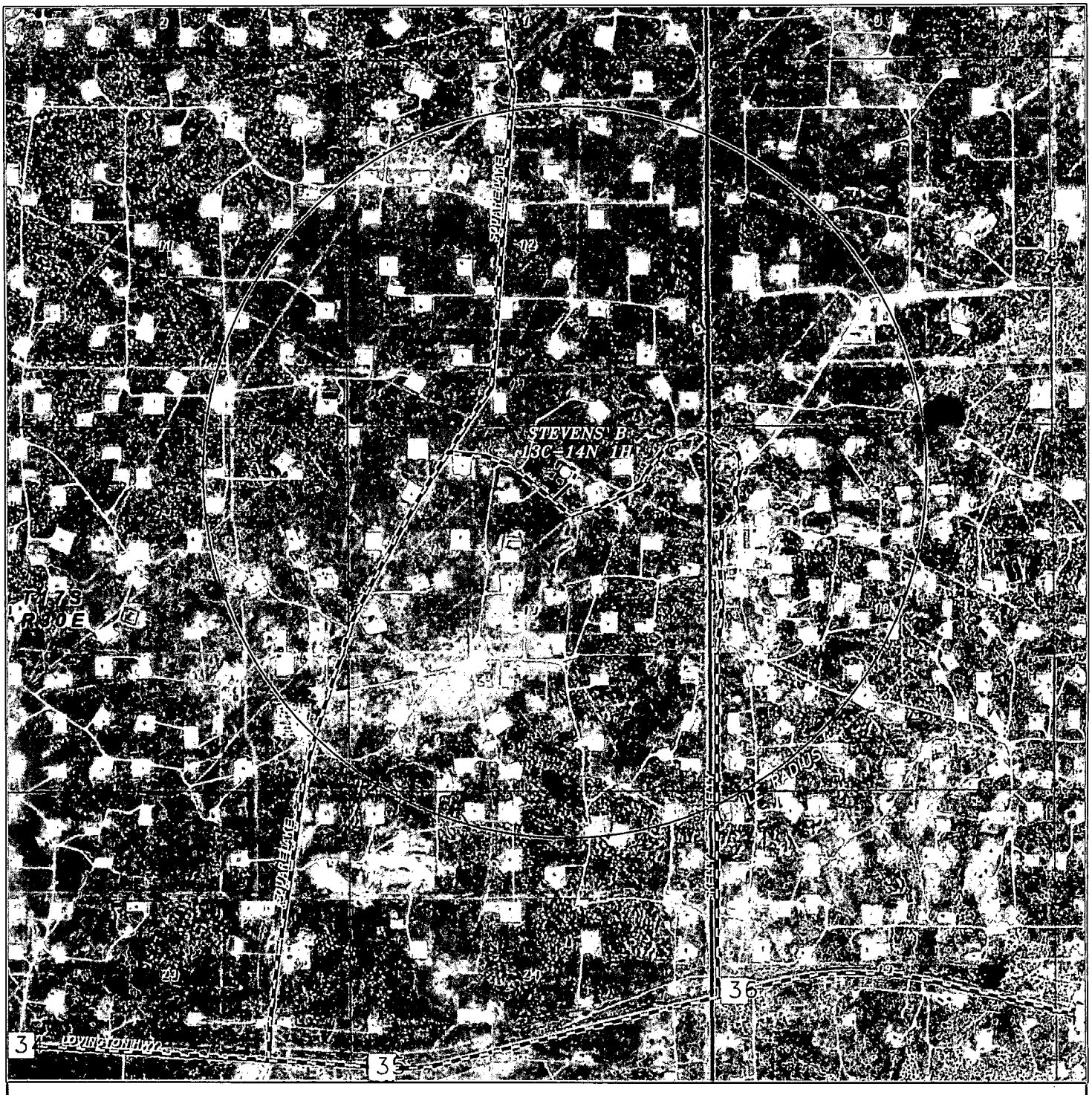
W.O. Number: JG 34580

Survey Date: 6-26-2019

YELLOW TINT - USA LAND
BLUE TINT - STATE LAND
NATURAL COLOR - FEE LAND

N

BURNETT OIL CO.



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0' 1000' 2000' 3000' 4000'
SCALE: 1" = 2000'

W.O. Number: JG 34580

Survey Date: 6-26-2019

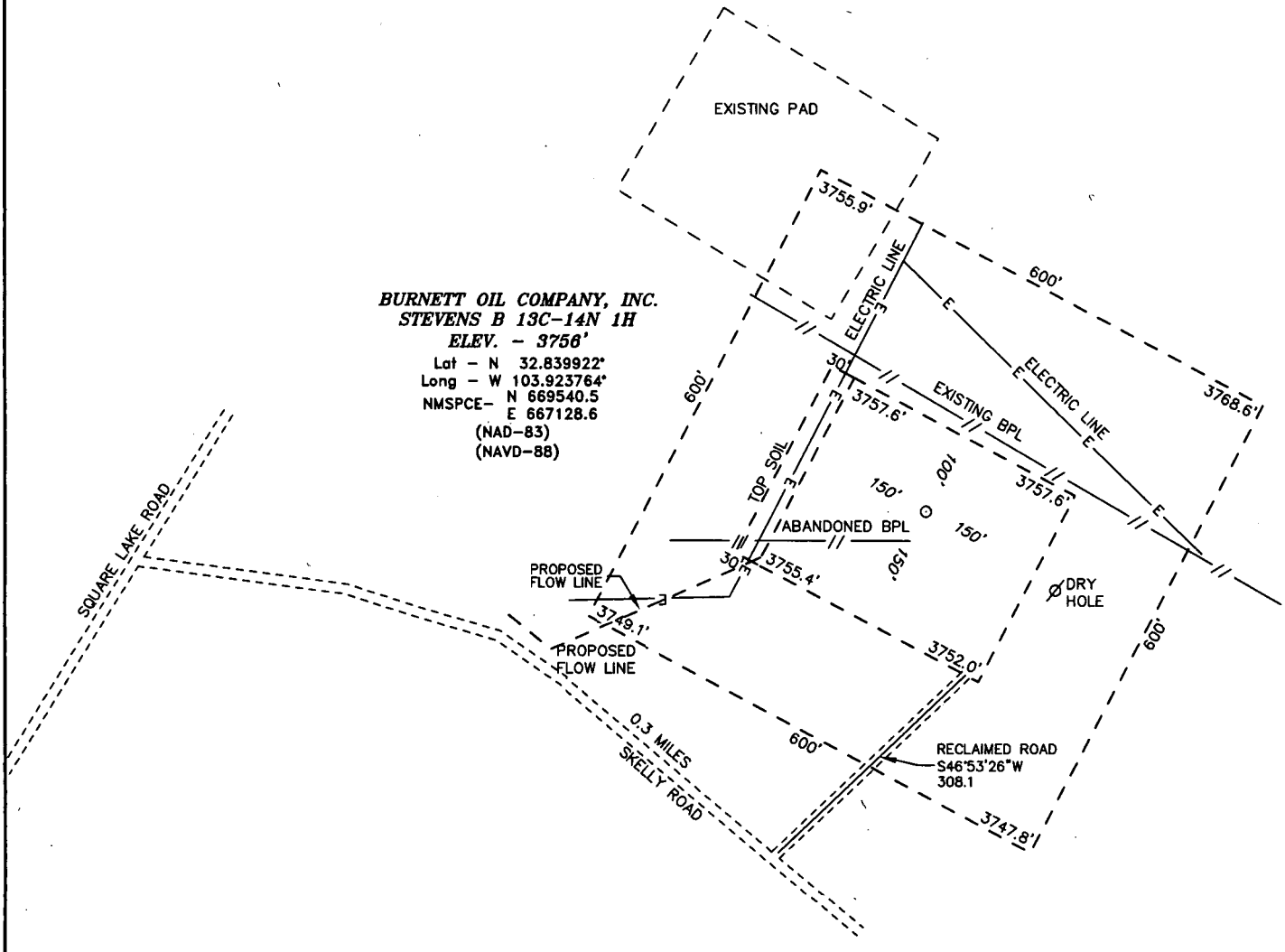
YELLOW TINT – USA LAND
BLUE TINT – STATE LAND
NATURAL COLOR – FEE LAND

N

BURNETT OIL CO.

SECTION 13, TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M.,

EDDY COUNTY, **NEW MEXICO.**



ARTESIA, NM IS ±27 MILES TO THE WEST OF LOCATION.

200 0 200 400 FEET

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Directions to Location:

FROM HIGHWAY 82 GO NORTH ON SQUARE LAKE ROAD 1.8 MILES THEN GO EAST ON SKELLY ROAD 0.3 MILES, THEN NORTH 308.1 FEET TO PROPOSED LOCATION.

BURNETT OIL CO.

REF: STEVENS B 13C-14N 1H / WELL PAD TOPO

THE STEVENS B 13C-14N 1H LOCATED 660' FROM THE NORTH LINE AND 2140' FROM THE EAST LINE OF SECTION 13, TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.

basin surveys
focused on excellence in the oilfield
P.O. Box 1786
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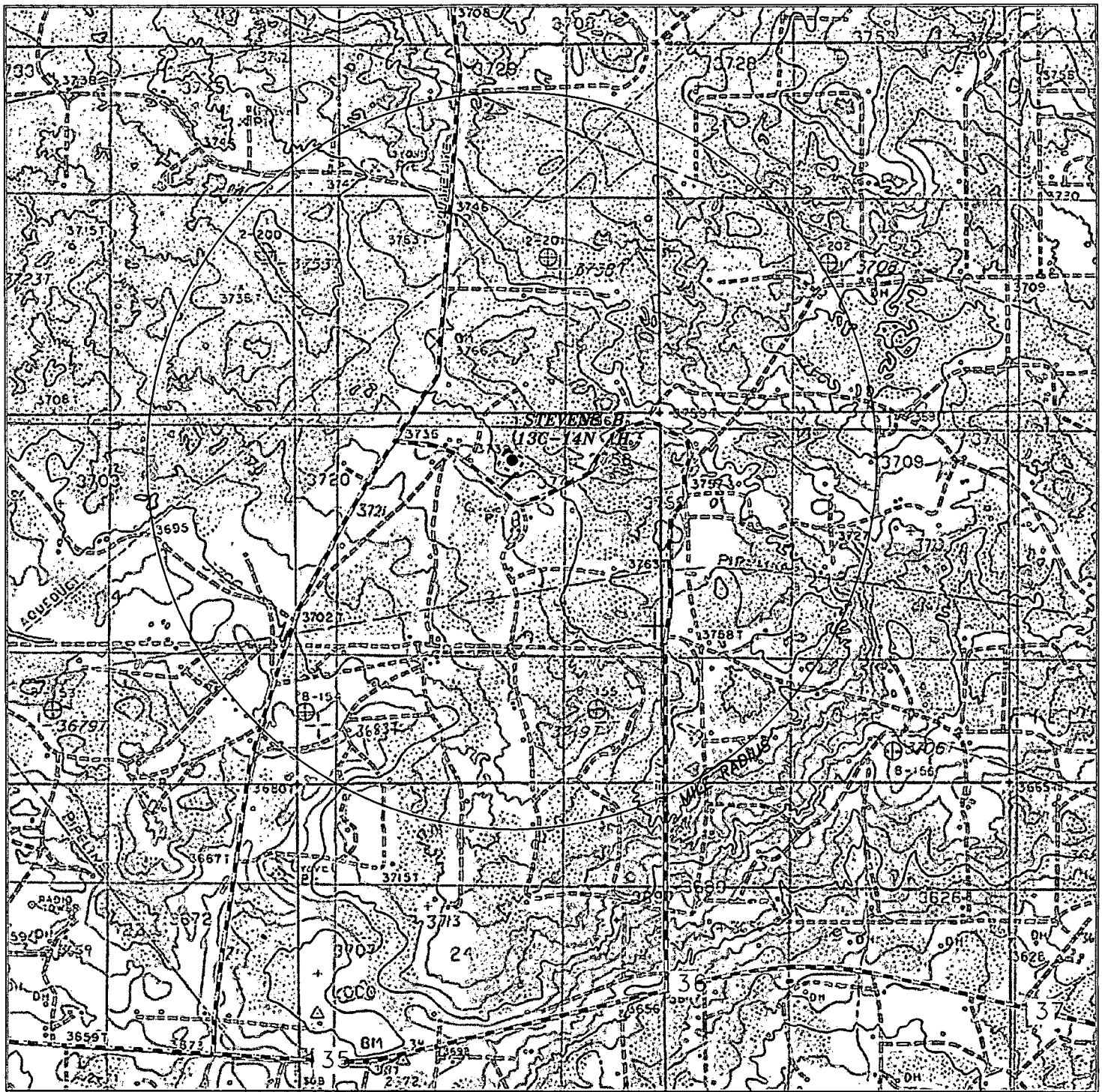
W.O. Number: 34580	Drawn By: J GOAD	Date: 7-11-2019	Survey Date: 6-26-2019	Sheet 1 of 1 Sheets



STEVENS B 13C–14N 1H
Located 660' FNL and 2140' FEL
Section 13, Township 17 South, Range 30 East, N.M.P.M., Eddy County, New Mexico.

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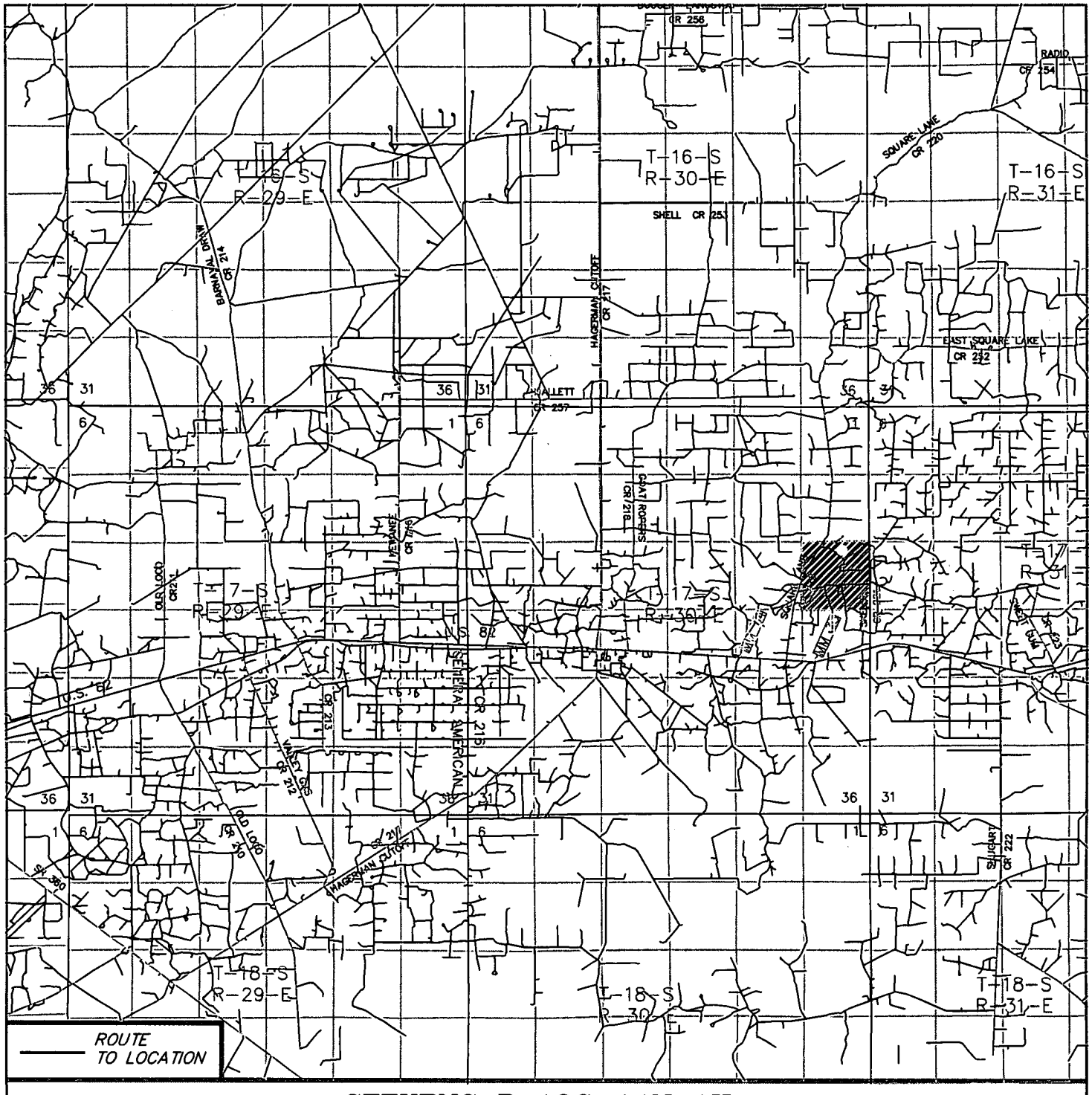

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0 1 MI 2 MI 3 MI 4 MI
SCALE: 1" = 2 MILES

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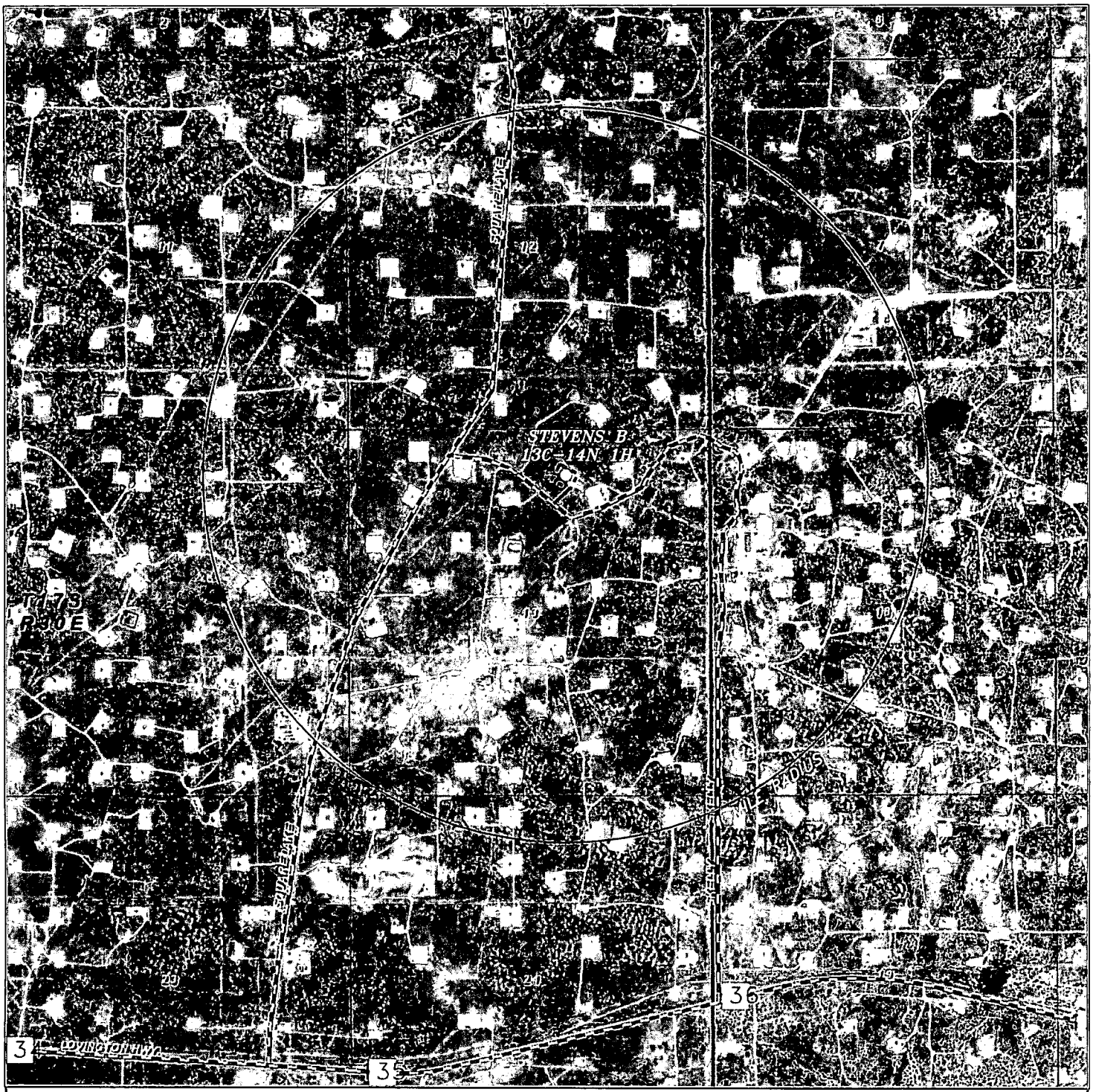

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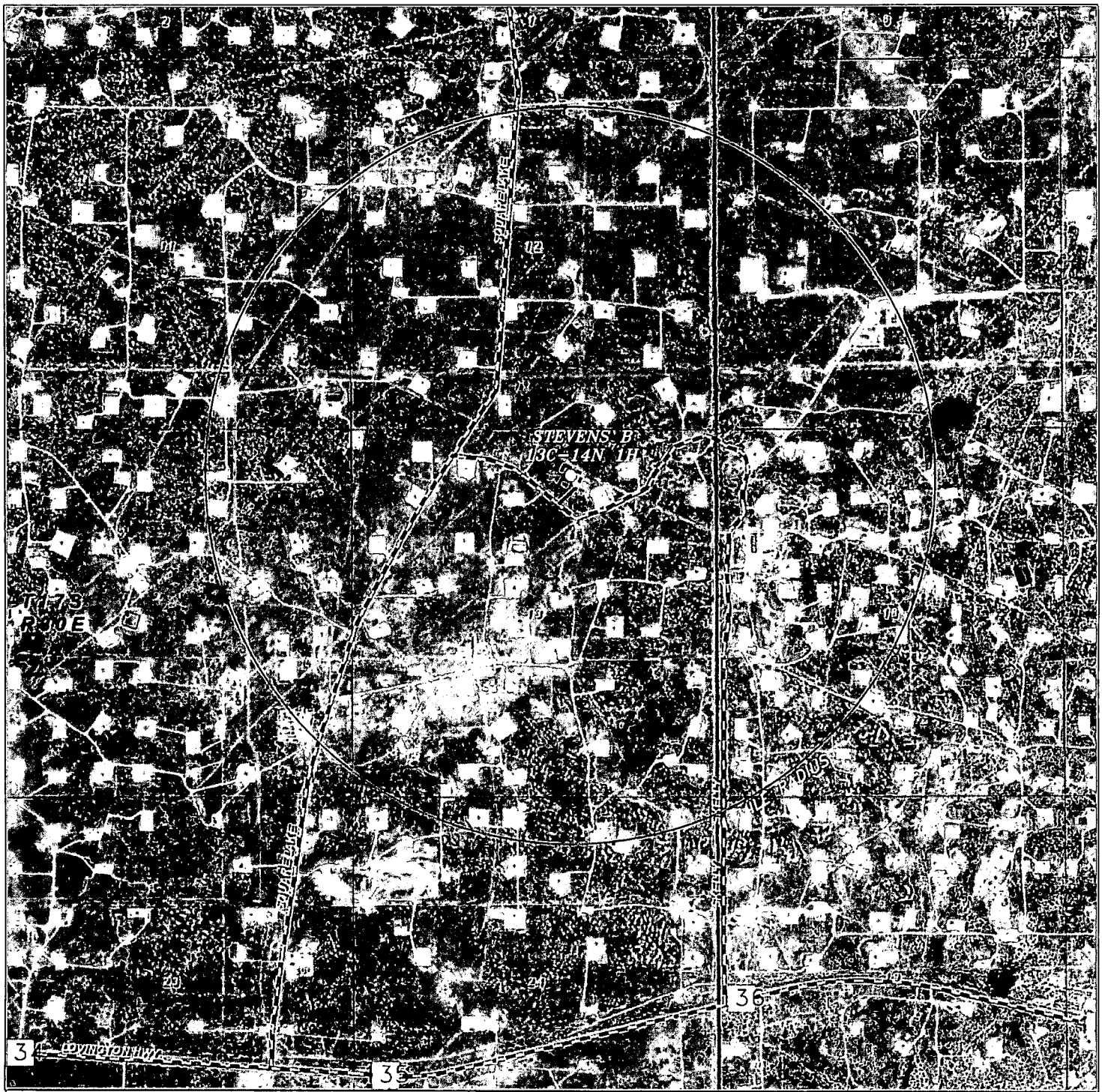

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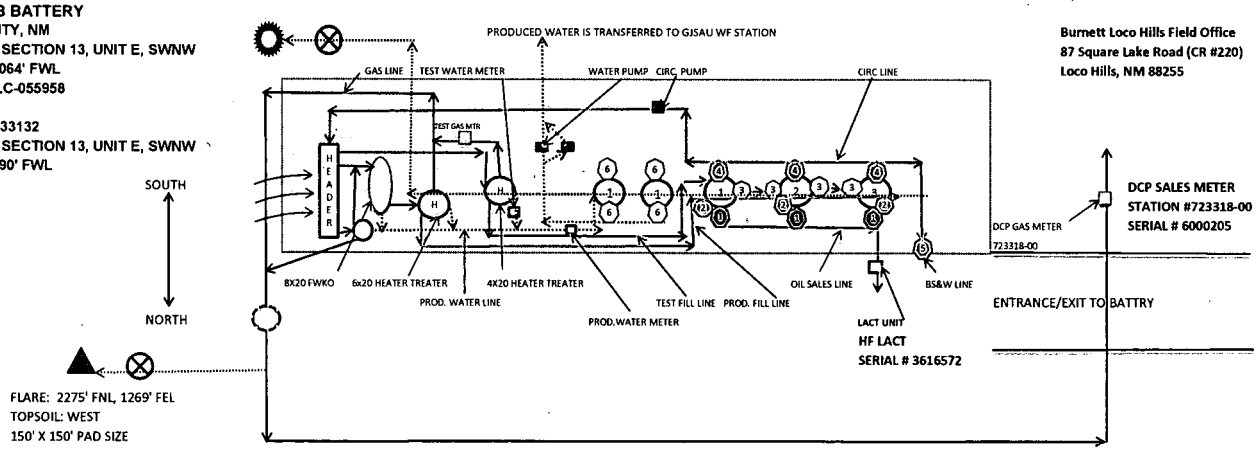
BURNETT OIL CO.

BURNETT OIL CO. INC.
STEVENS B BATTERY
EDDY COUNTY, NM
T17S, R30E, SECTION 13, UNIT E, SWNW
2355' FNL, 1064' FWL
LEASE: NMLC-055958
Stevens B 3
API# 30-015-33132
T17S, R30E, SECTION 13, UNIT E, SWNW
2260' FNL, 990' FWL

UPDATED: 12/2018

Burnett Loco Hills Field Office
87 Square Lake Road (CR #220)
Loco Hills, NM 88255



SITE LEGEND

- 1 — 300 BBL STEEL OIL SALES TANK # 62782
- 2 — 300 BBL STEEL OIL SALES TANK # 62783
- 3 — 300 BBL STEEL OIL SALES TANK # 66449
- 1 — 300 BBL FIBERGLASS WATER TANK
- 2 — 300 BBL FIBERGLASS WATER TANK
- FWKO
- H — HEATER TREATER
- WATER LINE
- OIL LINE
- GAS LINE
- FENCED FIREWALL
- Two Phase Seperator
- FUTURE 2 PHASE SEPARATOR

VALVE LEGEND

- 1 — LOAD LINE VALVE
- 2 — FILL LINE VALVE
- 3 — EQUALIZER LINE VALVE
- 4 — CIRC LINE VALVE
- 5 — BS&W LOAD LINE VALVE
- 6 — WATER LINE VALVE
- COMBUSTOR GAS METER Meter# FMS 200F-351113
- COMBUSTOR ····→ COMBUSTOR LINE
- EMERGENCY FLARE ····→ FLARE LINE

BURNETT OIL CO. INC. 1/0/1900
STEVENS B BATTERY
EDDY COUNTY, NM
T17S, R30E, SECTION 13, UNIT E, SWNW
2355' FNL, 1064' FWL
LEASE: NMLC-055958

General sealing of valves, sales by tank guage

Production Phase:

Load Line Valves sealed closed. Fill valve to tank that is in production will be open.
Equalizer valve to tank that is in production will be open. Circulation valves will be opened as necessary, then resealed.
BS&W Load Line valve will be sealed at all times, unless cleaning tanks, then resealed once tank maintenance is complete.

Sales Phase:

STEVENS B BATTERY
STEVENS B #3 (30-015-33132)
STEVENS B #4 (30-015-34847)
STEVENS B #5 (30-015-37801)
STEVENS B #6 (30-015-39156)
STEVENS B 7 (30-015-39777)

The tank from which sales are being made will be isolated by sealing closed the fill line valve, circulating valve, and the equalizer valve during sales and opening the sales valve. Upon completion of the sale, the sales valve will be resealed. Sales by truck will be by tank gauge. Sales by LACT will be by LACT meter.

STEVENS B 8 (30-015-40140)

VALVE		PRODUCTION PHASE	SALES PHASE	CIRCULATING	NOTE
1	LOAD LINE VALVE	CLOSED	OPEN	CLOSED	
2	PRODUCTION FILL LINE VALVE	OPEN OR CLOSED	CLOSED	CLOSED OR OPEN	
3	EQUALIZER LINE VALVE	OPEN	CLOSED	CLOSED OR OPEN	
4	CIRCULATING LINE VALVE	OPEN OR CLOSED	CLOSED	OPEN	RE-SEALED ONCE CIRCULATING IS COMPLETE
5	BS&W LOAD LINE VALVE	CLOSED	CLOSED	CLOSED	OPEN FOR TANK MAINTENANCE, RESEALED ONCE MAINTENANCE IS COMPLETE
6	WATER LINE VALVE	OPEN	NA	NA	WATER TANKS ARE ISOLATED FROM OIL PRODUCTION TANKS


GA 44
GISAT Water Flood Bty

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 Rd., 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 Department

OIL CONSERVATION DIVISION

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

Form C-102
Revised August 15, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
	96831	CEDAR LAKE GLORIETA YESO

Property Code	Property Name	Well Number
33178	STEVENS B 13C-14N	1H
OGRID No.	**Operator Name**	**Elevation**
03080	BURNETT OIL COMPANY, INC.	3756'

Surface Location

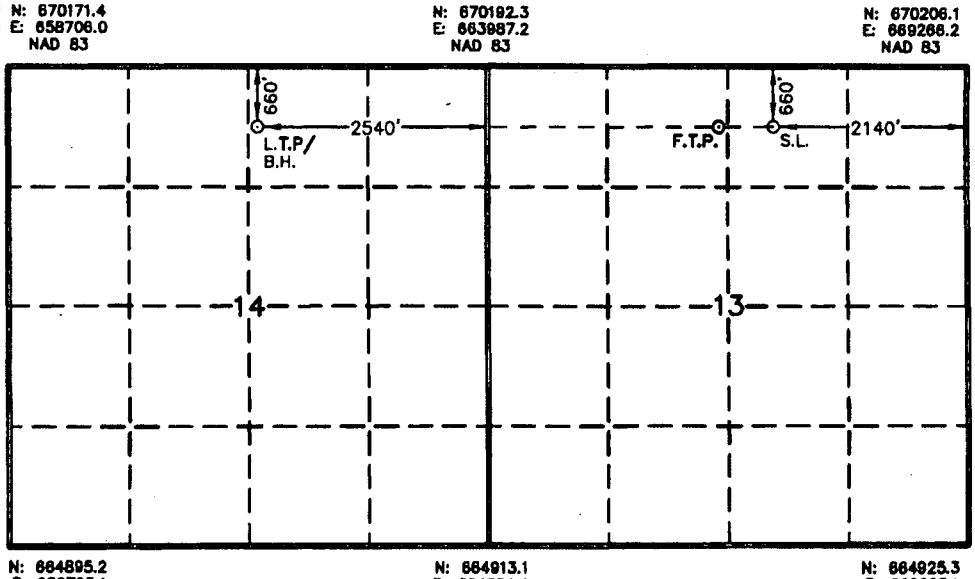
UL or lot No.	Section	Township	Range	Lot Idn	FEET from the	SOUTH/South line	FEET from the	East/EAST line	County
B	13	17 S	30 E		660	NORTH	2140	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	FEET from the	SOUTH/South line	FEET from the	East/EAST line	County
B	14	17 S	30 E		660	NORTH	2540	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160			

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



BOTTOM HOLE/ LAST TAKE POINT
Lat - N 32.839931°
Long - W 103.942256°
NMSPCE- N 669522.2
E 661449.4
(NAD-83)
(NAVD-88)

FIRST TAKE POINT 660 FNL & 2540 FWL
Lat - N 32.839925°
Long - W 103.925714°
NMSPCE- N 669538.9
E 666529.4
(NAD-83)
(NAVD-88)

SURFACE LOCATION/ KICK OFF POINT
Lat - N 32.839922°
Long - W 103.923784°
NMSPCE- N 669540.5
E 667128.6
(NAD-83)
(NAVD-88)

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.

Leslie Garvis — 7/17/19
Signature — Date

Leslie Garvis
Printed Name

lgarvis@burnettoil.com
Email Address

SURVEYOR CERTIFICATION

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

JUNE 26, 2019
Date Surveyed

Signature & Seal of Professional Surveyor

GARY L. JONES — NEW MEXICO — 7977 — REGISTERED PROFESSIONAL LAND SURVEYOR

Certificate Number Gary L. Jones 7977

BASIN SURVEYS

0' 1000' 2000' 3000' 4000' N
2000'

WO Num.: 34580

SECTION 13, TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M.,

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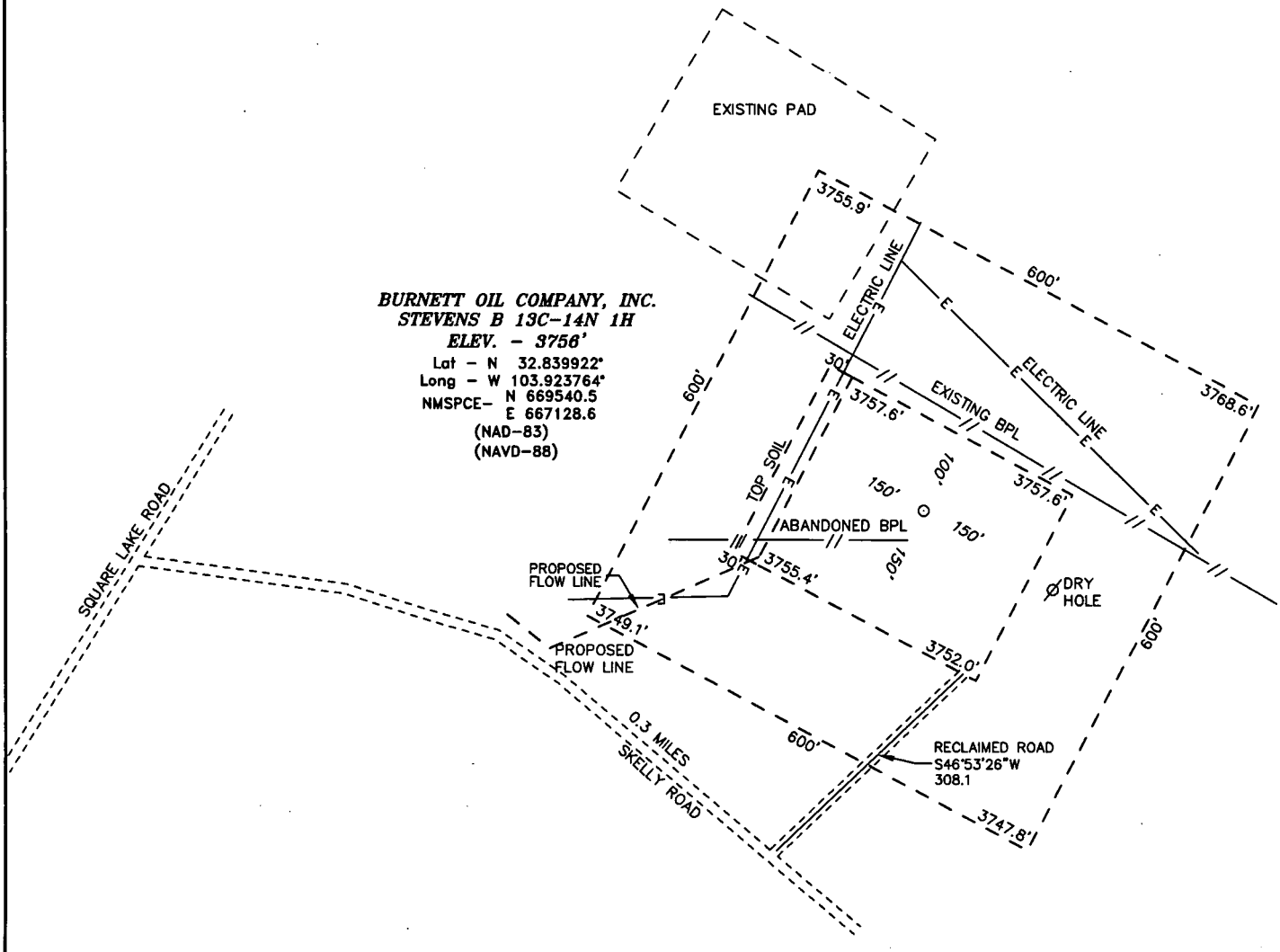

BURNETT OIL COMPANY, INC.
STEVENS B 13C-14N 1H
ELEV. - 3756'
Lat - N 32.839922°
Long - W 103.923764°
NMSPCE- N 669540.5
E 667128.6
(NAD-83)
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ARTESIA, NM IS ±27 MILES TO THE WEST OF LOCATION.

200 0 200 400 FEET

SCALE: 1" = 200'

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FROM HIGHWAY 82 GO NORTH ON SQUARE LAKE ROAD 1.8 MILES THEN GO EAST ON SKELLY ROAD 0.3 MILES, THEN NORTH 308.1 FEET TO PROPOSED LOCATION.

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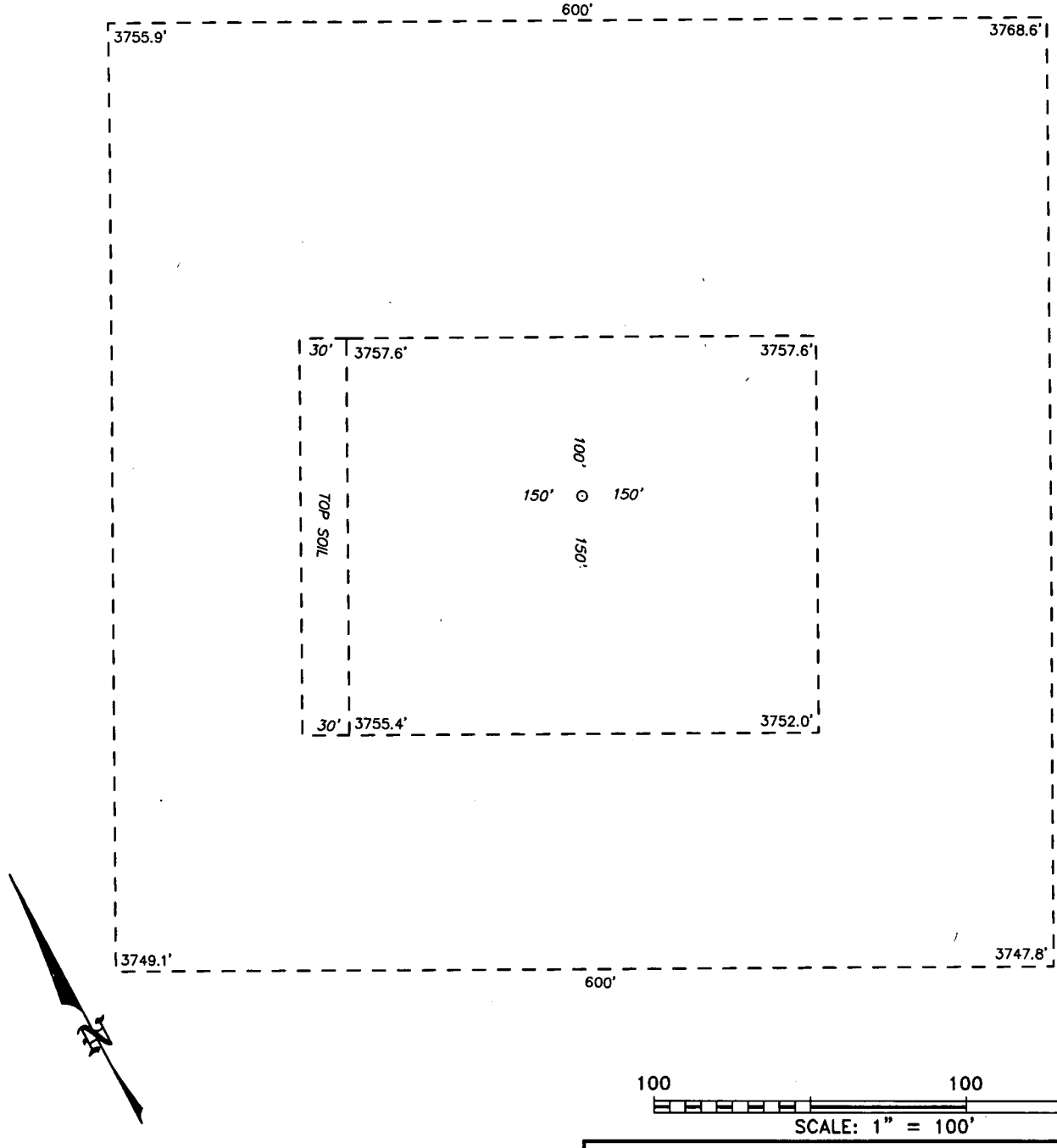

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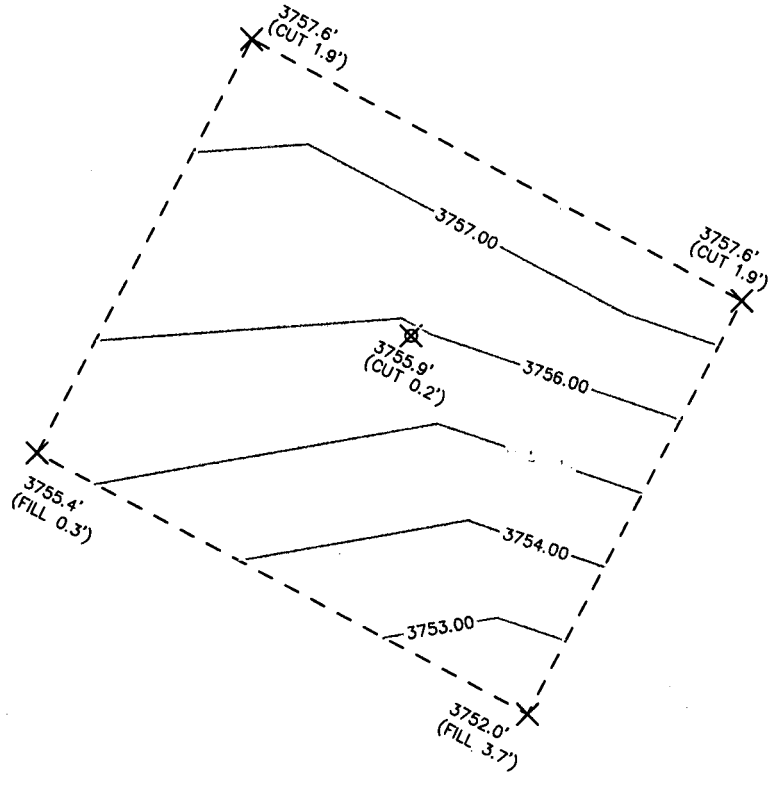

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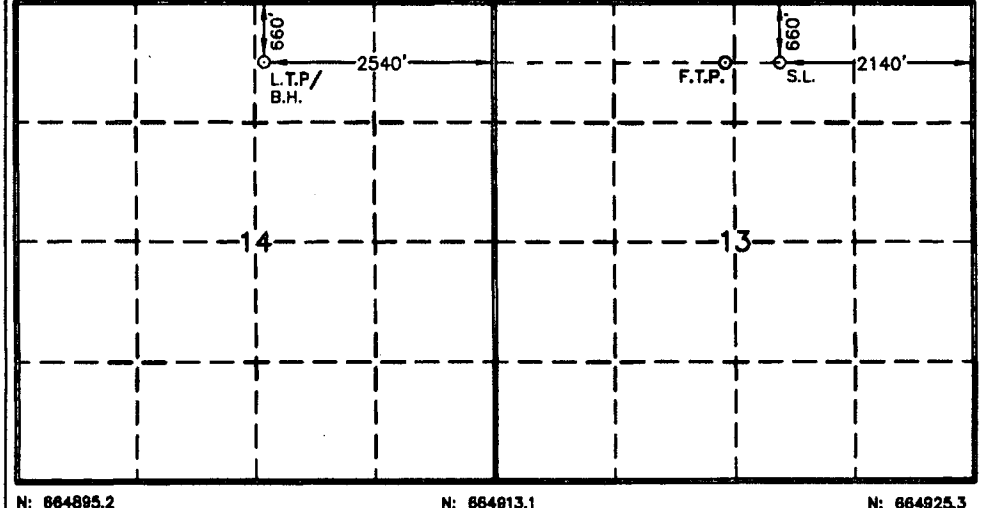

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Signature 7/17/19 Date

Leslie Garvis
Printed Name

lgarvis@burnettoil.com
Email Address

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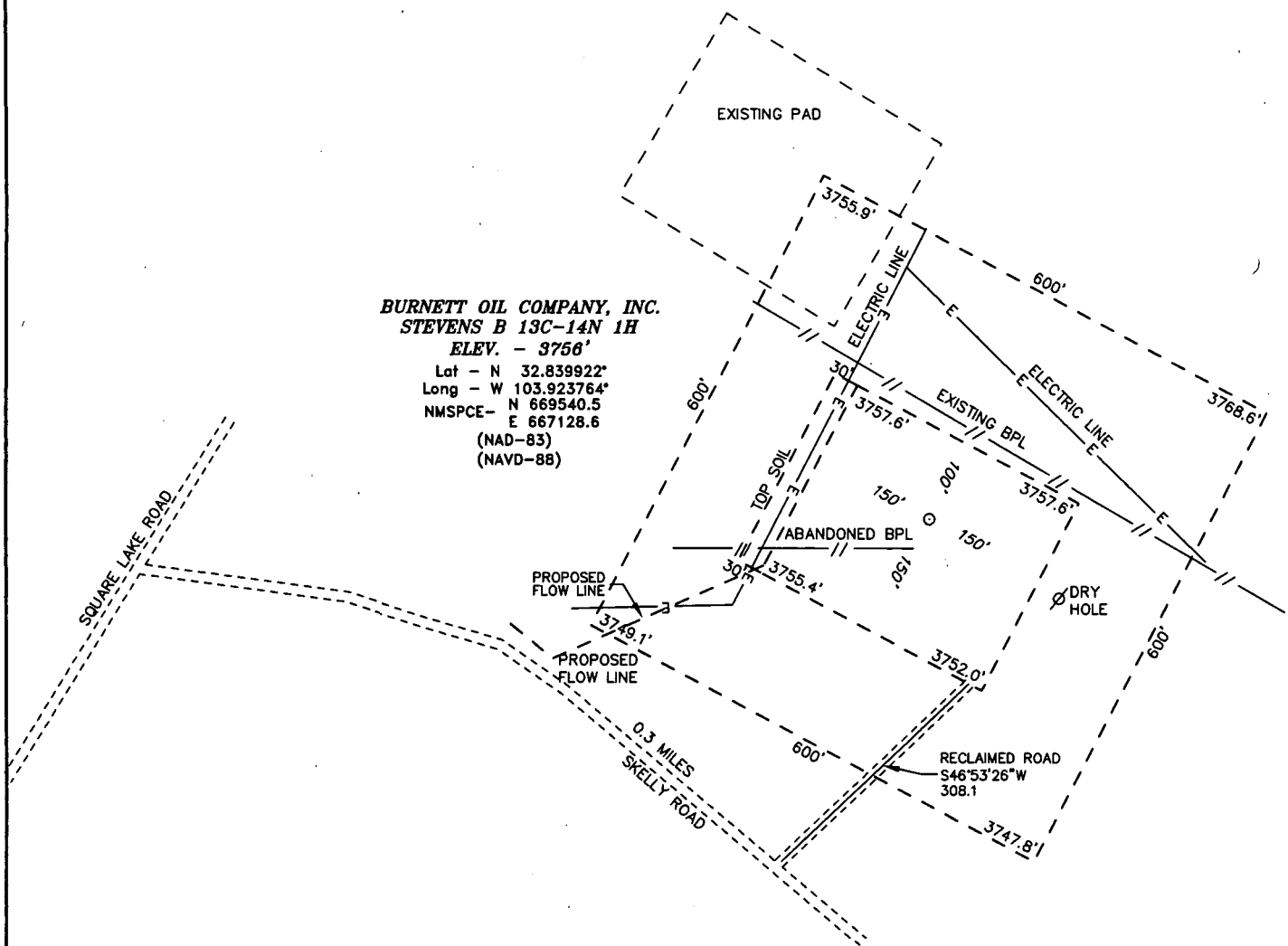

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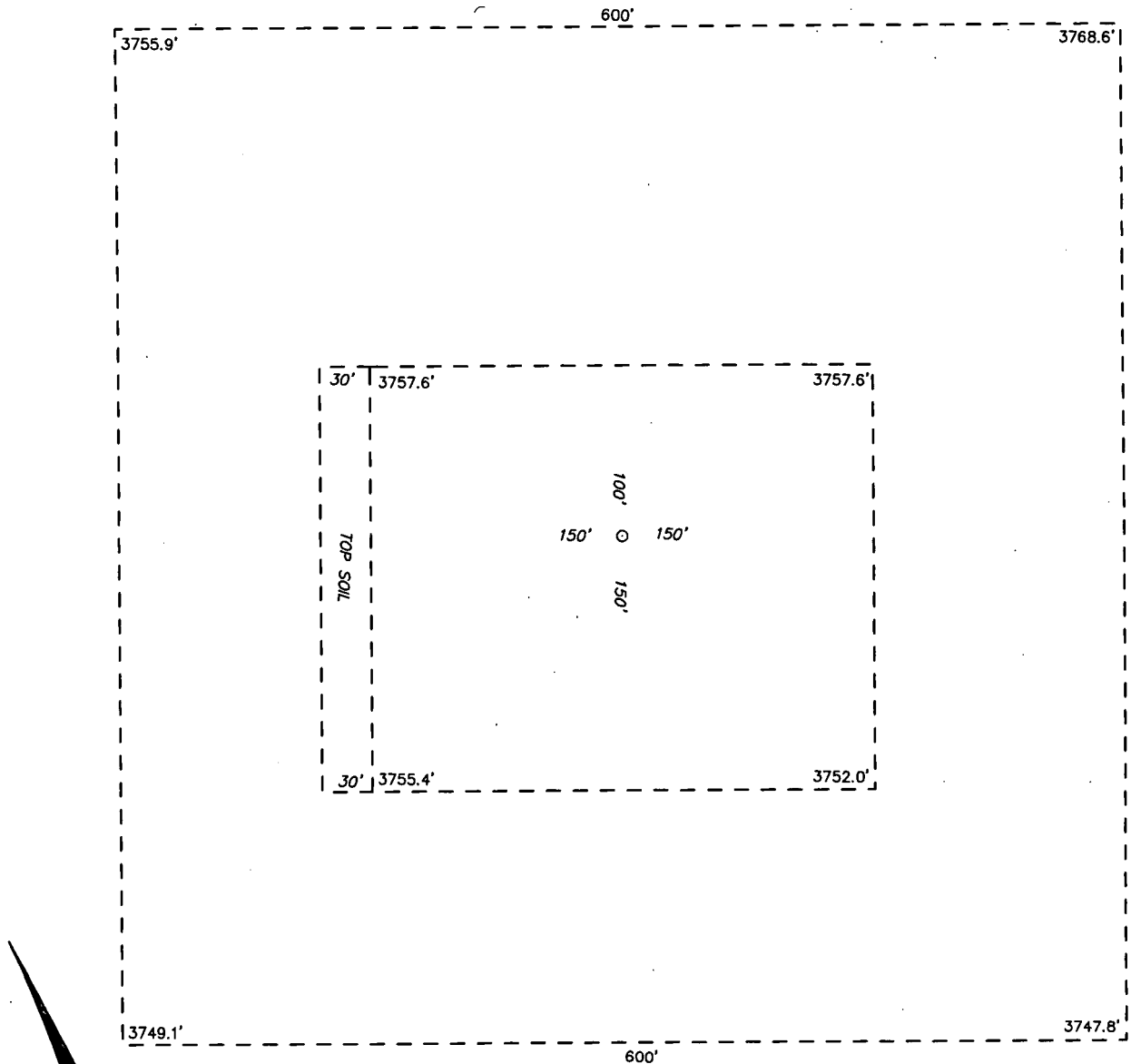

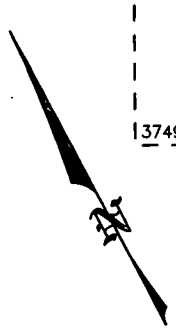

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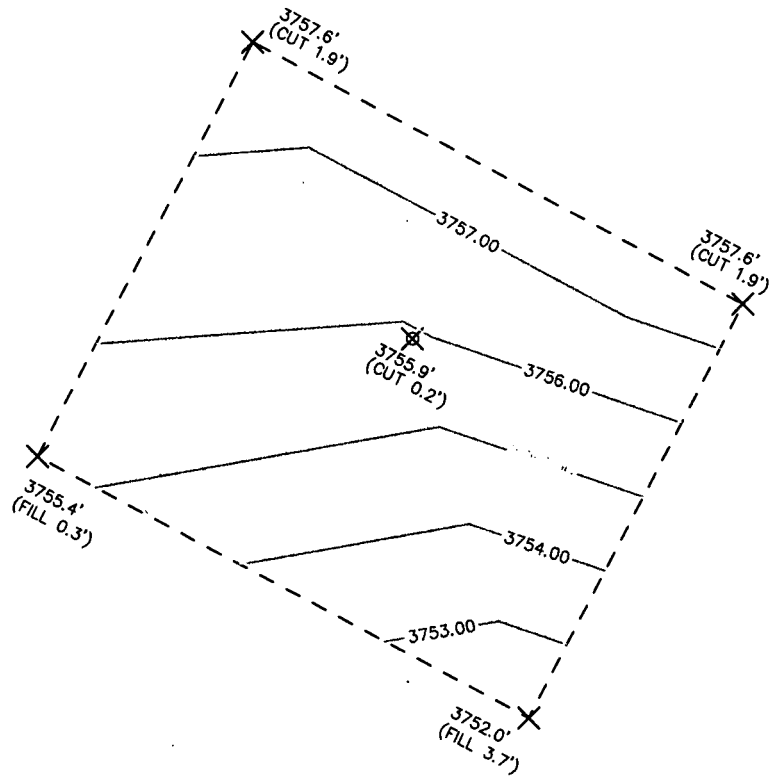

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BURNETT OIL CO.

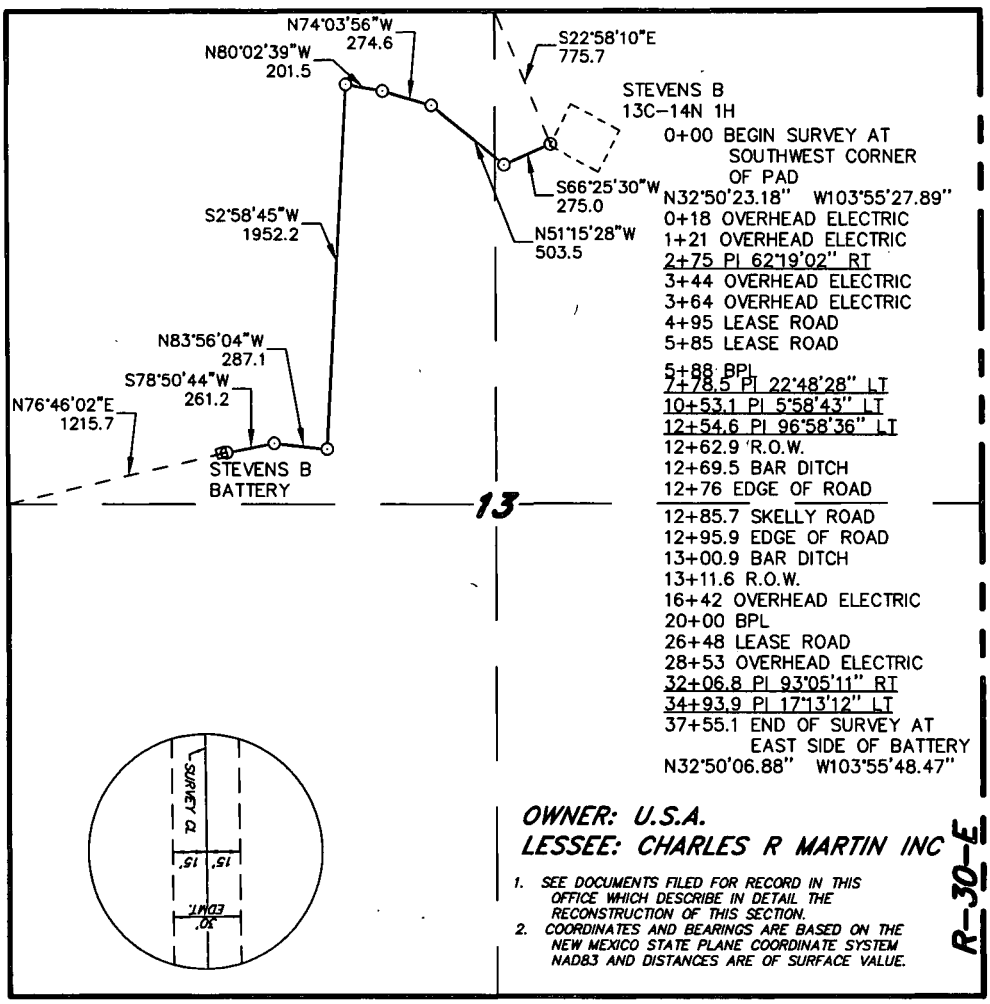
REF: STEVENS B 13C-14N 1H / CUT & FILL

THE STEVENS B 13C-14N 1H LOCATED 660' FROM THE NORTH LINE AND 2140' FROM THE EAST LINE OF SECTION 13, TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.

basin surveys
focused on excellence in the oilfield
P.O. Box 1786
1120 N. West County Rd.
Hobbs, New Mexico 88241
(575) 393-7316 - Office
(575) 392-2206 - Fax
basinsurveys.com

W.O. Number: 34580	Drawn By: J GOAD	Date: 7-11-2019	Survey Date: 6-26-2019	Sheet 1 of 1 Sheets

SECTION 13, TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M.,
EDDY COUNTY, **NEW MEXICO.**



LEGAL DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTION 13, TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.

3755.1 FEET = 227.58 RODS = 0.71 MILES = 2.59 ACRES

I HEREBY CERTIFY THAT THIS SURVEY WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.

GARY L. JONES NMPS No. 7977
TEXAS P.L.S. No. 5074
TEXAS FIRM No. 10119700

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(575) 392-2206 - Fax
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1000 0 1000 2000 FEET

Burnett Oil Co., Inc. 6666

REF: PROPOSED STEVENS B 13C-14N 1H FLOW LINE

A PIPELINE CROSSING USA LAND IN

SECTION 13, TOWNSHIP 17 SOUTH, RANGE 30 EAST,

N.M.P.M., EDDY COUNTY, NEW MEXICO.

W.O. Number: 34728	Drawn By: J GOAD	Date: 7-16-2019	Survey Date: 7-12-2019	Sheet 1 of 1 Sheets

PROPOSED STEVENS B 13C-14N 1H FLOW LINE
Section 13, Township 17 South, Range 30 East,
N.M.P.M., Eddy County, New Mexico.

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(575) 392-2206 - Fax
basinsurveys.com

0' 1000' 2000' 3000' 4000'
SCALE: 1" = 2000'

W.O. Number: JG 34728

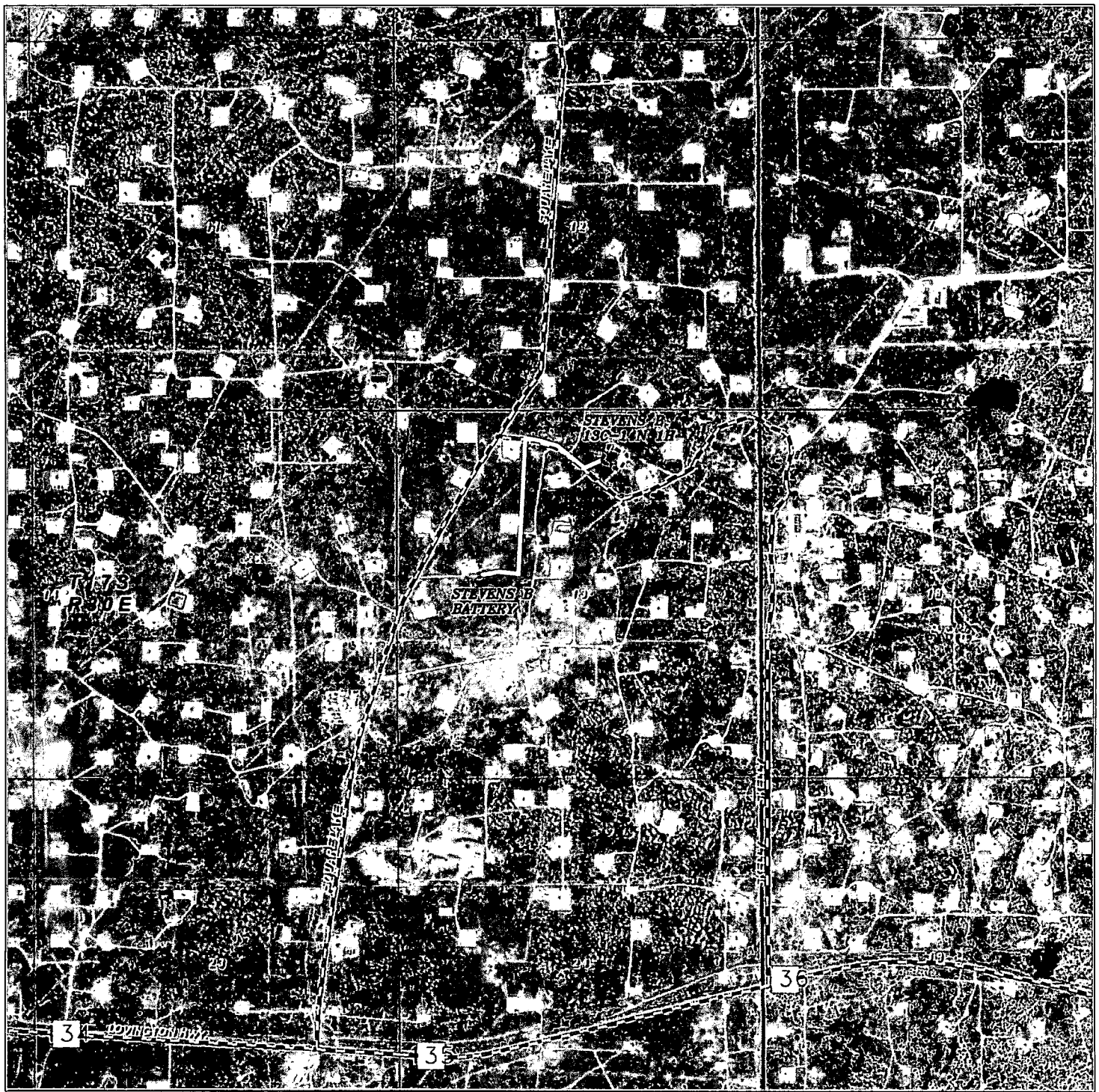
Survey Date: 7-12-2019

YELLOW TINT - USA LAND
BLUE TINT - STATE LAND
NATURAL COLOR - FEE LAND

N

Burnett Oil Co., Inc.

6666



PROPOSED STEVENS B 13C-14N 1H FLOW LINE
Section 13, Township 17 South, Range 30 East,
N.M.P.M., Eddy County, New Mexico.

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0' 1000' 2000' 3000' 4000'
SCALE: 1" = 2000'

W.O. Number: JG 34728

Survey Date: 7-12-2019

YELLOW TINT - USA LAND
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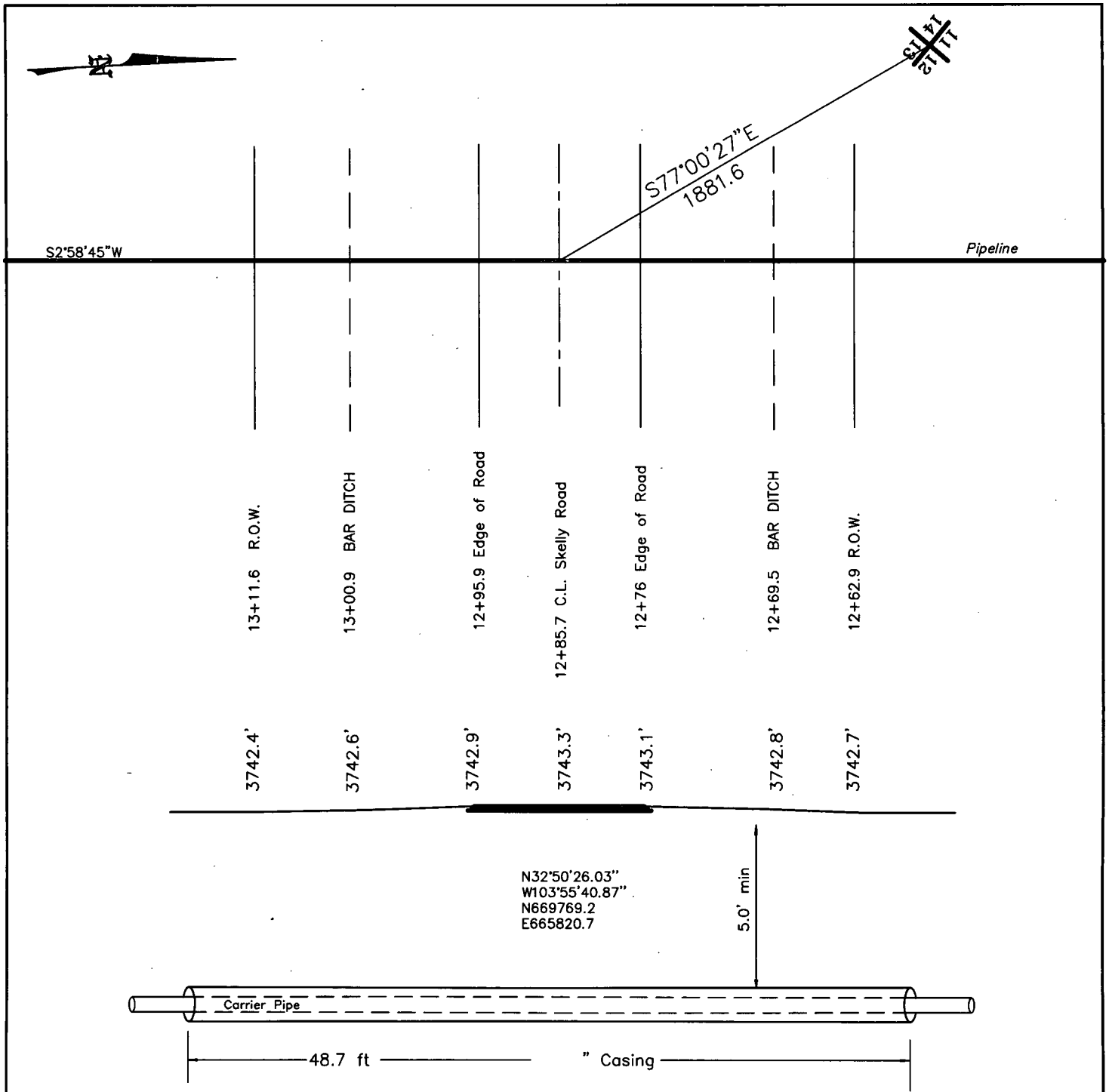
N

Burnett Oil Co., Inc.

6666



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(575) 393-7316 - Office
(575) 392-2206 - Fax
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	Carrier Pipe	Casing Pipe
Contents		
O.D.		
I.D.		
Material		
W.T.		
Grade		

Burnett Oil Co., Inc. 6666

PROPOSED CROSSING OF SKELLY ROAD

REF: PROPOSED STEVENS B 13C-14N 1H FLOW LINE

A PIPELINE CROSSING SKELLY ROAD

SECTION 13, TOWNSHIP 17 SOUTH, RANGE 30 EAST,

N.M.P.M., EDDY COUNTY, NEW MEXICO.

Date: 7-16-2019	W.O. Number: 34728	Drawn By: J. GOAD

NM OIL CONSERVATION
ARTESIA DISTRICT
OCT 22 2019
RECEIVED

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 Rd., 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 Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
	96831	CEDAR LAKE GLORIETA YESO

Property Code	Property Name	Well Number
33178	STEVENS B 13C-14N	1H
OGRID No.	**Operator Name**	**Elevation**
03080	BURNETT OIL COMPANY, INC.	3756'

Surface Location

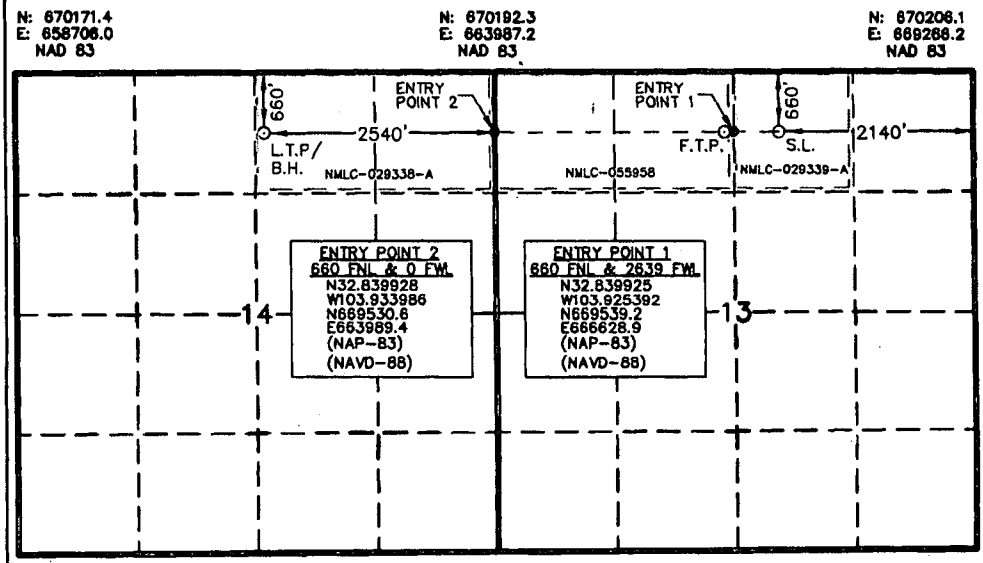
UL or lot No.	Section	Township	Range	Lot Idn	FEET from the	SOUTH/South line	FEET from the	East/EAST line	County
B	13	17 S	30 E		660	NORTH	2140	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	FEET from the	SOUTH/South line	FEET from the	East/EAST line	County
B	14	17 S	30 E		660	NORTH	2540	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160			

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



BOTTOM HOLE/ LAST TAKE POINT
Lat - N 32.839931°
Long - W 103.942256°
NMSPCE- N 669522.2
E 661449.4
(NAD-83)
(NAVD-88)

FIRST TAKE POINT 660 FNL & 2540 FWL
Lat - N 32.839925°
Long - W 103.925714°
NMSPCE- N 669538.9
E 666529.4
(NAD-83)
(NAVD-88)

SURFACE LOCATION/ KICK OFF POINT
Lat - N 32.839922°
Long - W 103.923764°
NMSPCE- N 669540.5
E 667128.6
(NAD-83)
(NAVD-88)

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.

Leslie Garvis 7/17/19
Signature Date

Leslie Garvis
Printed Name

lgarvis@burnettoil.com
Email Address

SURVEYOR CERTIFICATION

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

JUNE 26, 2019
Date Surveyed

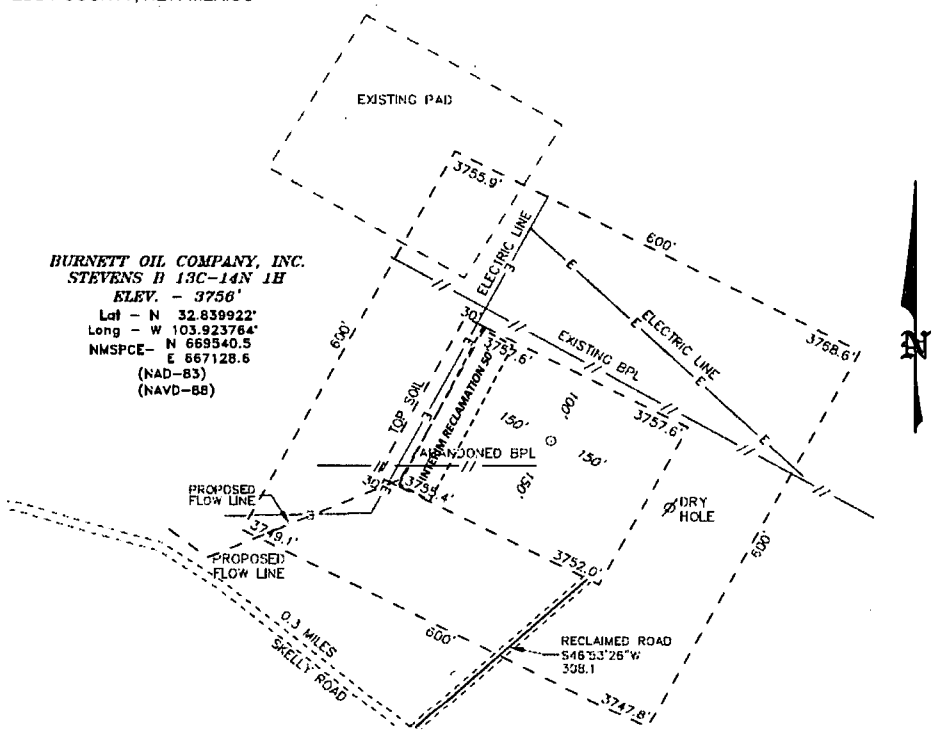
Signature & Seal of Professional Surveyor

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

0' 1000' 2000' 3000' 4000'
2000'
WO Num.: 34580

BURNETT OIL CO., INC.
INTERIM RECLAMATION PLAT
STEVENS B 13 C - 14N 1H
660' FNL, 2140' FEL
UNIT B, SEC 13, T17S, R30E
EDDY COUNTY, NEW MEXICO



NOT TO SCALE
INTERIM RECLAMATION: 50' OFF WEST

BURNETT OIL CO., INC.

Production Facility and Flowlines

See attached flowline plats for the location of the flowline from the Stevens B 13C-14N 1H well pad to the existing Stevens B Battery. The required flowline will be laid above ground. The flowline(s) will be 3" poly pipe, 3755.1 ft. in length and will transport oil, gas and water. All flowlines will be 3" low pressure 3" SDR7 4710 poly pipe with a typical working pressure of 60 psi. The SDR7 4710 poly pipe has a maximum pressure rating of 335 psi.

AFMSS

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

PWD Data Report

09/26/2019

APD ID: 10400043127 **Submission Date:** 07/17/2019

Operator Name: BURNETT OIL COMPANY INCORPORATED

Well Name: STEVENS B 13C-14B **Well Number:** 1H

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

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:

Operator Name: BURNETT OIL COMPANY INCORPORATED

Well Name: STEVENS B 13C-14B **Well Number:** 1H

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

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?

Operator Name: BURNETT OIL COMPANY INCORPORATED

Well Name: STEVENS B 13C-14B **Well Number:** 1H

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):

Operator Name: BURNETT OIL COMPANY INCORPORATED

Well Name: STEVENS B 13C-14B **Well Number:** 1H

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

09/26/2019

APD ID: 10400043127 **Submission Date:** 07/17/2019

Operator Name: BURNETT OIL COMPANY INCORPORATED

Well Name: STEVENS B 13C-14B **Well Number:** 1H

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

Highlighted data reflects the most recent changes

Show Final Text

Bond Information

Federal/Indian APD: FED

BLM Bond number: NMB000197

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:

PECOS DISTRICT
DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME:	**BURNETT OIL CO INC**
LEASE NO.:	**NMLC29339A**
WELL NAME & NO.:	**STEVENS B 13C – 14B 1H**
SURFACE HOLE FOOTAGE:	**660' FNL & 2140' FEL**
BOTTOM HOLE FOOTAGE	**660' FNL & 2540' FEL**
LOCATION:	**Section 13, T. 17 S., R 30 E., NMPM**
COUNTY:	**Eddy County, New Mexico**

COA

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

A. HYDROGEN SULFIDE

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

B. CASING

1. The **13-3/8** inch surface casing shall be set at approximately **525** feet (a minimum of **70 feet (Eddy County)** into the Rustler Anhydrite and above the salt) and cemented to the surface.

    a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
    b. Wait on cement (WOC) time for a primary cement job will be a minimum of **8 hours** or 500 pounds compressive strength, whichever is greater. (This is to

include the lead cement)

c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.
d. If cement falls back, remedial cementing will be done prior to drilling out that string.

2. The minimum required fill of cement behind the **9-5/8** inch intermediate casing is:

   - Cement to surface. If cement does not circulate see B.1.a, c-d above. **Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst or potash.**

3. The minimum required fill of cement behind the **7 X 5 ½** inch production casing is:

   Operator has proposed a DV tool, the depth may be adjusted as long as the cement is changed proportionally. The DV tool may be cancelled if cement circulates to surface on the first stage.

   a. First stage to DV tool: Cement to circulate. If cement does not circulate off the DV tool, contact the appropriate BLM office before proceeding with second stage cement job.

   b. Second stage above DV tool:

      - Cement should tie-back at least **200 feet** into previous casing string. Operator shall provide method of verification.

C. PRESSURE CONTROL

1. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **3000 (3M)** psi.

JJP09252019

GENERAL REQUIREMENTS

The BLM is to be notified in advance for a representative to witness:

a. Spudding well (minimum of 24 hours)
b. Setting and/or Cementing of all casing strings (minimum of 4 hours)
c. BOPE tests (minimum of 4 hours)

☒ Eddy County
Call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220, (575) 361-2822

☒ Lea County
Call the Hobbs Field Station, 414 West Taylor, Hobbs NM 88240, (575) 393-3612

1. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.

   a. In the event the operator has proposed to drill multiple wells utilizing a skid/walking rig. Operator shall secure the wellbore on the current well, after installing and testing the wellhead, by installing a blind flange of like pressure rating to the wellhead and a pressure gauge that can be monitored while drilling is performed on the other well(s).
   b. When the operator proposes to set surface casing with Spudder Rig
      - Notify the BLM when moving in and removing the Spudder Rig.
      - Notify the BLM when moving in the 2nd Rig. Rig to be moved in within 90 days of notification that Spudder Rig has left the location.
      - BOP/BOPE test to be conducted per Onshore Oil and Gas Order No. 2 as soon as 2nd Rig is rigged up on well.

2. Floor controls are required for 3M or Greater systems. These controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on which the draw works are located, this does not include the dog house or stairway area.

3. The record of the drilling rate along with the GR/N well log run from TD to surface (horizontal well – vertical portion of hole) shall be submitted to the BLM office as well as all other logs run on the borehole 30 days from completion. If available, a digital copy of the logs is to be submitted in addition to the paper copies. The Rustler top and top and bottom of Salt are to be recorded on the Completion Report.

A. CASING

1. Changes to the approved APD casing program need prior approval if the items substituted are of lesser grade or different casing size or are Non-API. The Operator can exchange the components of the proposal with that of superior strength (i.e. changing from J-55 to N-80, or from 36# to 40#). Changes to the approved cement program need prior approval if the altered cement plan has less volume or strength or if the changes are substantial (i.e. Multistage tool, ECP, etc.). The initial wellhead installed on the well will remain on the well with spools used as needed.

2. Wait on cement (WOC) for Potash Areas: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi for all cement blends, 2) until cement has been in place at least 24 hours. WOC time will be recorded in the driller's log. The casing intergrity test can be done (prior to the cement setting up) immediately after bumping the plug.

3. Wait on cement (WOC) for Water Basin: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi at the shoe, 2) until cement has been in place at least 8 hours. WOC time will be recorded in the driller's log. See individual casing strings for details regarding lead cement slurry requirements. The casing intergrity test can be done (prior to the cement setting up) immediately after bumping the plug.

4. Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing each casing string. Have well specific cement details onsite prior to pumping the cement for each casing string.

5. No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.

6. On that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.

7. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.
8. Whenever a casing string is cemented in the R-111-P potash area, the NMOCD requirements shall be followed.

B. PRESSURE CONTROL

1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2 and API RP 53 Sec. 17.

2. If a variance is approved for a flexible hose to be installed from the BOP to the choke manifold, the following requirements apply: The flex line must meet the requirements of API 16C. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's requirements. The flexible hose can be exchanged with a hose of equal size and equal or greater pressure rating. Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review. These documents shall be posted in the company man's trailer and on the rig floor.

3. 5M or higher system requires an HCR valve, remote kill line and annular to match. The remote kill line is to be installed prior to testing the system and tested to stack pressure.

4. If the operator has proposed a multi-bowl wellhead assembly in the APD. The following requirements must be met:

    a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
    b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
    c. Manufacturer representative shall install the test plug for the initial BOP test.
    d. Whenever any seal subject to test pressure is broken, all the tests in OOGO2.III.A.2.i must be followed.
    e. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.

5. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.

    a. In a water basin, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. The casing cut-off and BOP installation can be initiated four hours after installing the slips, which will be approximately six hours after bumping the plug. For those casing strings not using slips, the minimum wait time before cut-off is eight hours after bumping the plug. BOP/BOPE testing can begin after cut-off or once cement reaches 500 psi compressive strength (including

lead when specified), whichever is greater. However, if the float does not hold, cut-off cannot be initiated until cement reaches 500 psi compressive strength (including lead when specified).

b. In potash areas, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. For all casing strings, casing cut-off and BOP installation can be initiated at twelve hours after bumping the plug. However, **no tests** shall commence until the cement has had a minimum of 24 hours setup time, except the casing pressure test can be initiated immediately after bumping the plug (only applies to single stage cement jobs).

c. The tests shall be done by an independent service company utilizing a test plug not a cup or J-packer. The operator also has the option of utilizing an independent tester to test without a plug (i.e. against the casing) pursuant to Onshore Order 2 with the pressure not to exceed 70% of the burst rating for the casing. Any test against the casing must meet the WOC time for water basin (8 hours) or potash (24 hours) or 500 pounds compressive strength, whichever is greater, prior to initiating the test (see casing segment as lead cement may be critical item).

d. The test shall be run on a 5000 psi chart for a 2-3M BOP/BOP, on a 10000 psi chart for a 5M BOP/BOPE and on a 15000 psi chart for a 10M BOP/BOPE. If a linear chart is used, it shall be a one hour chart. A circular chart shall have a maximum 2 hour clock. If a twelve hour or twenty-four hour chart is used, tester shall make a notation that it is run with a two hour clock.

e. The results of the test shall be reported to the appropriate BLM office.

f. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.

g. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug. This test shall be performed prior to the test at full stack pressure.

h. BOP/BOPE must be tested by an independent service company within 500 feet of the top of the Wolfcamp formation if the time between the setting of the intermediate casing and reaching this depth exceeds 20 days. This test does not exclude the test prior to drilling out the casing shoe as per Onshore Order No. 2.

C. DRILLING MUD

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

D. WASTE MATERIAL AND FLUIDS

All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of drilling operations and completion operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area.

Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.

PECOS DISTRICT
SURFACE USE
CONDITIONS OF APPROVAL

OPERATOR'S NAME:	Burnett Oil Company Incorporated
WELL NAME & NO.:	STEVENS B 13C-14B 1H
SURFACE HOLE FOOTAGE:	660'/N & 2140'/E
BOTTOM HOLE FOOTAGE	660'/N & 2540'/E
LOCATION:	Section 13, T.17 S., R.30 E., NMPM
COUNTY:	Eddy County, New Mexico

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Standard Conditions of Approval (COA) apply to this APD. If any deviations to these standards exist or special COAs are required, the section with the deviation or requirement will be checked below.

I. GENERAL PROVISIONS

The approval of the Application For Permit To Drill (APD) is in compliance with all applicable laws and regulations: 43 Code of Federal Regulations 3160, the lease terms, Onshore Oil and Gas Orders, Notices To Lessees, New Mexico Oil Conservation Division (NMOCD) Rules, National Historical Preservation Act As Amended, and instructions and orders of the Authorized Officer. Any request for a variance shall be submitted to the Authorized Officer on Form 3160-5, Sundry Notices and Report on Wells.

II. PERMIT EXPIRATION

If the permit terminates prior to drilling and drilling cannot be commenced within 60 days after expiration, an operator is required to submit Form 3160-5, Sundry Notices and Reports on Wells, requesting surface reclamation requirements for any surface disturbance. However, if the operator will be able to initiate drilling within 60 days after the expiration of the permit, the operator must have set the conductor pipe in order to allow for an extension of 60 days beyond the expiration date of the APD. (Filing of a Sundry Notice is required for this 60 day extension.)

III. ARCHAEOLOGICAL, PALEONTOLOGY & HISTORICAL SITES

Any cultural and/or paleontological resource discovered by the operator or by any person working on the operator's behalf shall immediately report such findings to the Authorized Officer. The operator is fully accountable for the actions of their contractors and subcontractors. The operator shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the Authorized Officer. An evaluation of the discovery shall be made by the Authorized Officer to determine the appropriate actions that shall be required to prevent the loss of significant cultural or scientific values of the discovery. The operator shall be held responsible for the cost of the proper mitigation measures that the Authorized Officer assesses after consultation with the operator on the evaluation and decisions of the discovery. Any unauthorized collection or disturbance of cultural or paleontological resources may result in a shutdown order by the Authorized Officer.

IV. NOXIOUS WEEDS

The operator shall be held responsible if noxious weeds become established within the areas of operations. Weed control shall be required on the disturbed land where noxious weeds exist, which includes the roads, pads, associated pipeline corridor, and adjacent land affected by the establishment of weeds due to this action. The operator shall consult with the Authorized Officer for acceptable weed control methods, which include following EPA and BLM requirements and policies.

V. SPECIAL REQUIREMENT(S)

Timing Limitation Stipulation / Condition of Approval for lesser prairie-chicken: Oil and gas activities including 3-D geophysical exploration, and drilling will not be allowed in lesser prairie-chicken habitat during the period from March 1st through June 15th annually. During that period, other activities that produce noise or involve human activity, such as the maintenance of oil and gas facilities, pipeline, road, and well pad construction, will be allowed except between 3:00 am and 9:00 am. The 3:00 am to 9:00 am restriction will not apply to normal, around-the-clock operations, such as venting, flaring, or pumping, which do not require a human presence during this period. Additionally, no new drilling will be allowed within up to 200 meters of leks known at the time of permitting. Normal vehicle use on existing roads will not be restricted. Exhaust noise from pump jack engines must be muffled or otherwise controlled so as not to exceed 75 db measured at 30 feet from the source of the noise.

Ground-level Abandoned Well Marker to avoid raptor perching: Upon the plugging and subsequent abandonment of the well, the well marker will be installed at ground level on a plate containing the pertinent information for the plugged well. For more installation details, contact the Carlsbad Field Office at 575-234-5972.

Timing Limitation Exceptions:
The Carlsbad Field Office will publish an annual map of where the LPC timing and noise stipulations and conditions of approval (Limitations) will apply for the identified year (between March 1 and June 15) based on the latest survey information. The LPC Timing Area map will identify areas which are Habitat Areas (HA), Isolated Population Area (IPA), and Primary Population Area (PPA). The LPC Timing Area map will also have an area in red crosshatch. The red crosshatch area is the only area where an operator is required to submit a request for exception to the LPC Limitations. If an operator is operating outside the red crosshatch area, the LPC Limitations do not apply for that year and an exception to LPC Limitations is not required.

Hydrology

The entire well pad(s) will be bermed to prevent oil, salt, and other chemical contaminants from leaving the well pad. The compacted berm shall be constructed at a minimum of 12 inches with impermeable mineral material (e.g. caliche). Topsoil shall not be used to construct the berm. No water flow from the uphill side(s) of the pad shall be allowed to enter the well pad. The integrity of the berm shall be maintained around the surfaced pad throughout the life of the well and around the downsized pad after interim reclamation has been completed. Any water erosion that may occur due to the construction of the well pad during the life of the well will be quickly corrected and proper measures will be taken to prevent future erosion. Stockpiling of topsoil is required. The top soil shall be stockpiled in an appropriate location to prevent loss of soil due to water or wind erosion and not used for berming or erosion control. If fluid collects within the bermed area, the fluid must be vacuumed into a safe container and disposed of properly at a state approved facility.

Tank battery locations will be lined and bermed. A 20 mil permanent liner will be installed with a 4 oz. felt backing to prevent tears or punctures. Tank battery berms must be large enough to contain 1 ½ times the content of the largest tank or 24 hour production, whichever is greater. Automatic shut off, check valves, or similar systems will be installed for tanks to minimize the effects of catastrophic line failures used in production or drilling.

When crossing ephemeral drainages the pipeline(s) will be buried to a minimum depth of 48 inches from the top of pipe to ground level. Erosion control methods such as gabions and/or rock aprons should be placed on both up and downstream sides of the pipeline crossing. In addition, curled (weed free) wood/straw fiber wattles/logs and/or silt fences should be placed on the downstream side for sediment control during construction and maintained until soils and vegetation have stabilized. Water bars should be placed within the ROW to divert and dissipate surface runoff. A pipeline access road is not permitted to cross these ephemeral drainages. Traffic should be diverted to a preexisting route. Additional seeding may be required in floodplains and drainages to restore energy dissipating vegetation.

Prior to pipeline installation/construction a leak detection plan will be developed. The method(s) could incorporate gauges to detect pressure drops, situating valves and lines so they can be visually inspected periodically or installing electronic sensors to alarm when a leak is present. The leak detection plan will incorporate an automatic shut off system that will be installed for proposed pipelines to minimize the effects of an undesirable event.

Any water erosion that may occur due to the construction of overhead electric line and during the life of the power line will be quickly corrected and proper measures will be taken to prevent future erosion. A power pole should not be placed in drainages, playas, wetlands, riparian areas, or floodplains and must span across the features at a distance away that would not promote further erosion.

Temporary Fresh Water Frac Line(s): once the temporary use exceeds the timeline of 180 days and/or with a 90 day extension status; further analysis will be required if the applicant pursues to turn the temporary ROW into a permanent ROW.

VI. CONSTRUCTION

A. NOTIFICATION

The BLM shall administer compliance and monitor construction of the access road and well pad. Notify the Carlsbad Field Office at (575) 234-5909 at least 3 working days prior to commencing construction of the access road and/or well pad.

When construction operations are being conducted on this well, the operator shall have the approved APD and Conditions of Approval (COA) on the well site and they shall be made available upon request by the Authorized Officer.

B. TOPSOIL

The operator shall strip the top portion of the soil (root zone) from the entire well pad area and stockpile the topsoil along the edge of the well pad as depicted in the APD. The root zone is typically six (6) inches in depth. All the stockpiled topsoil will be redistributed over the interim reclamation areas. Topsoil shall not be used for berming the pad or facilities. For final reclamation, the topsoil shall be spread over the entire pad area for seeding preparation.

Other subsoil (below six inches) stockpiles must be completely segregated from the topsoil stockpile. Large rocks or subsoil clods (not evident in the surrounding terrain) must be buried within the approved area for interim and final reclamation.

C. CLOSED LOOP SYSTEM

Tanks are required for drilling operations: No Pits.

The operator shall properly dispose of drilling contents at an authorized disposal site.

D. FEDERAL MINERAL MATERIALS PIT

Payment shall be made to the BLM prior to removal of any federal mineral materials. Call theCarlsbad Field Office at (575) 234-5972.

E. WELL PAD SURFACING

Surfacing of the well pad is not required.

If the operator elects to surface the well pad, the surfacing material may be required to be removed at the time of reclamation. The well pad shall be constructed in a manner which creates the smallest possible surface disturbance, consistent with safety and operational needs.

F. EXCLOSURE FENCING (CELLARS & PITS)

Exclosure Fencing
The operator will install and maintain exclosure fencing for all open well cellars to prevent access to public, livestock, and large forms of wildlife before and after drilling operations until the pit is free of fluids and the operator initiates backfilling. (For examples of exclosure fencing design, refer to BLM's Oil and Gas Gold Book, Exclosure Fence Illustrations, Figure 1, Page 18.)

G. ON LEASE ACCESS ROADS

Road Width
The access road shall have a driving surface that creates the smallest possible surface disturbance and does not exceed fourteen (14) feet in width. The maximum width of surface disturbance, when constructing the access road, shall not exceed twenty-five (25) feet.

Surfacing
Surfacing material is not required on the new access road driving surface. If the operator elects to surface the new access road or pad, the surfacing material may be required to be removed at the time of reclamation.

Where possible, no improvements should be made on the unsurfaced access road other than to remove vegetation as necessary, road irregularities, safety issues, or to fill low areas that may sustain standing water.

The Authorized Officer reserves the right to require surfacing of any portion of the access road at any time deemed necessary. Surfacing may be required in the event the road deteriorates, erodes, road traffic increases, or it is determined to be beneficial for future field development. The surfacing depth and type of material will be determined at the time of notification.

Crowning
Crowning shall be done on the access road driving surface. The road crown shall have a grade of approximately 2% (i.e., a 1" crown on a 14' wide road). The road shall conform to Figure 1; cross section and plans for typical road construction.

Ditching
Ditching shall be required on both sides of the road.

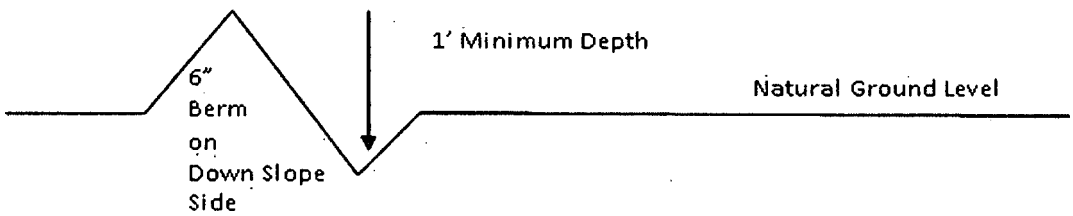
Turnouts
Vehicle turnouts shall be constructed on the road. Turnouts shall be intervisible with interval spacing distance less than 1000 feet. Turnouts shall conform to Figure 1; cross section and plans for typical road construction.

Drainage

Drainage control systems shall be constructed on the entire length of road (e.g. ditches, sidehill outsloping and insloping, lead-off ditches, culvert installation, and low water crossings).

A typical lead-off ditch has a minimum depth of 1 foot below and a berm of 6 inches above natural ground level. The berm shall be on the down-slope side of the lead-off ditch.

Cross Section of a Typical Lead-off Ditch



All lead-off ditches shall be graded to drain water with a 1 percent minimum to 3 percent maximum ditch slope. The spacing interval are variable for lead-off ditches and shall be determined according to the formula for spacing intervals of lead-off ditches, but may be amended depending upon existing soil types and centerline road slope (in %);

Formula for Spacing Interval of Lead-off Ditches

Example - On a 4% road slope that is 400 feet long, the water flow shall drain water into a lead-off ditch. Spacing interval shall be determined by the following formula:

400 foot road with 4% road slope: $\frac{400'}{4\%} + 100' = 200'$ lead-off ditch interval

Cattle guards

An appropriately sized cattle guard sufficient to carry out the project shall be installed and maintained at fence/road crossings. Any existing cattle guards on the access road route shall be repaired or replaced if they are damaged or have deteriorated beyond practical use. The operator shall be responsible for the condition of the existing cattle guards that are in place and are utilized during lease operations.

Fence Requirement

Where entry is granted across a fence line, the fence shall be braced and tied off on both sides of the passageway prior to cutting. The operator shall notify the private surface landowner or the grazing allotment holder prior to crossing any fences.

Public Access

Public access on this road shall not be restricted by the operator without specific written approval granted by the Authorized Officer.

Construction Steps

1. Salvage topsoil
2. Construct road
3. Redistribute topsoil
4. Revegetate slopes

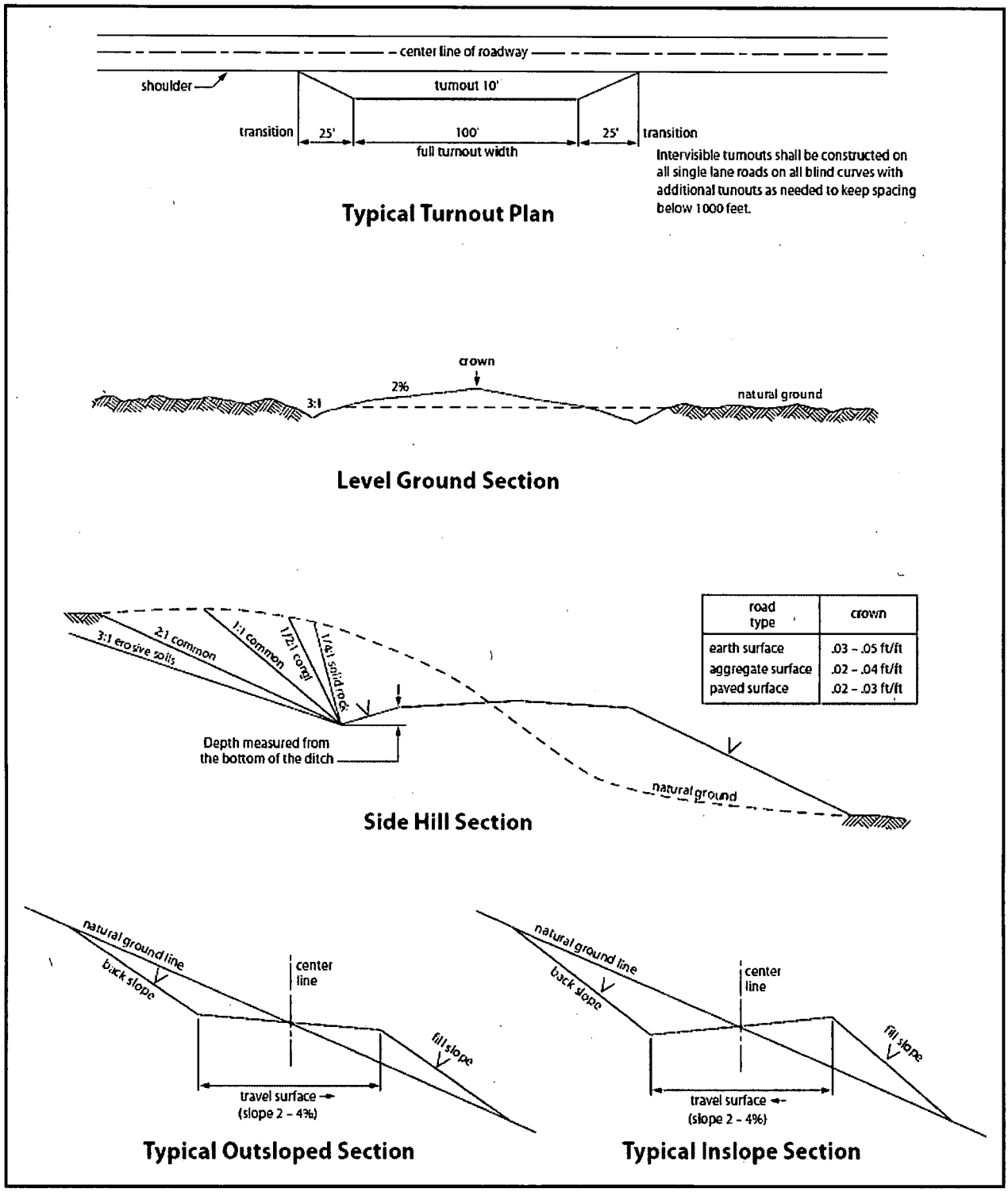


Figure 1. Cross-sections and plans for typical road sections representative of BLM resource or FS local and higher-class roads.

VII. PRODUCTION (POST DRILLING)

A. WELL STRUCTURES & FACILITIES

Placement of Production Facilities
Production facilities should be placed on the well pad to allow for maximum interim recontouring and revegetation of the well location.

Exclosure Netting (Open-top Tanks)
Immediately following active drilling or completion operations, the operator will take actions necessary to prevent wildlife and livestock access, including avian wildlife, to all open-topped tanks that contain or have the potential to contain salinity sufficient to cause harm to wildlife or livestock, hydrocarbons, or Resource Conservation and Recovery Act of 1976-exempt hazardous substances. At a minimum, the operator will net, screen, or cover open-topped tanks to exclude wildlife and livestock and prevent mortality. If the operator uses netting, the operator will cover and secure the open portion of the tank to prevent wildlife entry. The operator will net, screen, or cover the tanks until the operator removes the tanks from the location or the tanks no longer contain substances that could be harmful to wildlife or livestock. Use a maximum netting mesh size of 1 ½ inches. The netting must not be in contact with fluids and must not have holes or gaps.

Chemical and Fuel Secondary Containment and Exclosure Screening
The operator will prevent all hazardous, poisonous, flammable, and toxic substances from coming into contact with soil and water. At a minimum, the operator will install and maintain an impervious secondary containment system for any tank or barrel containing hazardous, poisonous, flammable, or toxic substances sufficient to contain the contents of the tank or barrel and any drips, leaks, and anticipated precipitation. The operator will dispose of fluids within the containment system that do not meet applicable state or U. S. Environmental Protection Agency livestock water standards in accordance with state law; the operator must not drain the fluids to the soil or ground. The operator will design, construct, and maintain all secondary containment systems to prevent wildlife and livestock exposure to harmful substances. At a minimum, the operator will install effective wildlife and livestock exclosure systems such as fencing, netting, expanded metal mesh, lids, and grate covers. Use a maximum netting mesh size of 1 ½ inches.

Open-Vent Exhaust Stack Exclosures
The operator will construct, modify, equip, and maintain all open-vent exhaust stacks on production equipment to prevent birds and bats from entering, and to discourage perching, roosting, and nesting. (*Recommended exclosure structures on open-vent exhaust stacks are in the shape of a cone.*) Production equipment includes, but may not be limited to, tanks, heater-treaters, separators, dehydrators, flare stacks, in-line units, and compressor mufflers.

Containment Structures

Proposed production facilities such as storage tanks and other vessels will have a secondary containment structure that is constructed to hold the capacity of 1.5 times the largest tank, plus freeboard to account for precipitation, unless more stringent protective requirements are deemed necessary.

Painting Requirement
All above-ground structures including meter housing that are not subject to safety requirements shall be painted a flat non-reflective paint color, **Shale Green** from the BLM Standard Environmental Color Chart (CC-001: June 2008).

B. PIPELINES

STANDARD STIPULATIONS FOR SURFACE INSTALLED PIPELINES

A copy of the application (Grant, Sundry Notice, APD) and attachments, including stipulations, survey plat and/or map, will be on location during construction. BLM personnel may request to you a copy of your permit during construction to ensure compliance with all stipulations.

Holder agrees to comply with the following stipulations to the satisfaction of the Authorized Officer:

1. The holder shall indemnify the United States against any liability for damage to life or property arising from the occupancy or use of public lands under this grant.

2. The holder shall comply with all applicable Federal laws and regulations existing or hereafter enacted or promulgated. In any event, the holder shall comply with the Toxic Substances Control Act of 1976 as amended, 15 USC 2601 et seq. (1982) with regards to any toxic substances that are used, generated by or stored on the right-of-way or on facilities authorized under this right-of-way grant. (See 40 CFR, Part 702-799 and especially, provisions on polychlorinated biphenyls, 40 CFR 761.1-761.193.) Additionally, any release of toxic substances (leaks, spills, etc.) in excess of the reportable quantity established by 40 CFR, Part 117 shall be reported as required by the Comprehensive Environmental Response, Compensation, and Liability Act, section 102b. A copy of any report required or requested by any Federal agency or State government as a result of a reportable release or spill of any toxic substances shall be furnished to the authorized officer concurrent with the filing of the reports to the involved Federal agency or State government.

3. The holder agrees to indemnify the United States against any liability arising from the release of any hazardous substance or hazardous waste (as these terms are defined in the Comprehensive Environmental Response, Compensation and Liability Act of 1980, 42 U.S.C. 9601, et seq. or the Resource Conservation and Recovery Act, 42 U.S.C. 6901, et seq.) on the Right-of-Way (unless the release or threatened release is wholly unrelated to activity of the Right-of-Way holder's activity on the Right-of-Way), or resulting from the activity of the Right-of-Way holder on the Right-of-Way. This agreement applies without regard to whether a release is caused by the holder, its agent, or unrelated third

parties.

4. The holder shall be liable for damage or injury to the United States to the extent provided by 43 CFR Sec. 2883.1-4. The holder shall be held to a standard of strict liability for damage or injury to the United States resulting from pipe rupture, fire, or spills caused or substantially aggravated by any of the following within the right-of-way or permit area:

a. Activities of the holder including, but not limited to construction, operation, maintenance, and termination of the facility.
b. Activities of other parties including, but not limited to:
    (1) Land clearing.
    (2) Earth-disturbing and earth-moving work.
    (3) Blasting.
    (4) Vandalism and sabotage.
c. Acts of God.

The maximum limitation for such strict liability damages shall not exceed one million dollars ($1,000,000) for any one event, and any liability in excess of such amount shall be determined by the ordinary rules of negligence of the jurisdiction in which the damage or injury occurred.

This section shall not impose strict liability for damage or injury resulting primarily from an act of war or from the negligent acts or omissions of the United States.

5. If, during any phase of the construction, operation, maintenance, or termination of the pipeline, any oil, salt water, or other pollutant should be discharged from the pipeline system, impacting Federal lands, the control and total removal, disposal, and cleaning up of such oil, salt water, or other pollutant, wherever found, shall be the responsibility of the holder, regardless of fault. Upon failure of the holder to control, dispose of, or clean up such discharge on or affecting Federal lands, or to repair all damages resulting therefrom, on the Federal lands, the Authorized Officer may take such measures as he deems necessary to control and clean up the discharge and restore the area, including, where appropriate, the aquatic environment and fish and wildlife habitats, at the full expense of the holder. Such action by the Authorized Officer shall not relieve the holder of any responsibility as provided herein.

6. All construction and maintenance activity will be confined to the authorized right-of-way width of **20** feet. If the pipeline route follows an existing road or buried pipeline right-of-way, the surface pipeline must be installed no farther than 10 feet from the edge of the road or buried pipeline right-of-way. If existing surface pipelines prevent this distance, the proposed surface pipeline must be installed immediately adjacent to the outer surface pipeline. All construction and maintenance activity will be confined to existing roads or right-of-ways.

7. No blading or clearing of any vegetation will be allowed unless approved in writing

by the Authorized Officer.

8. The holder shall install the pipeline on the surface in such a manner that will minimize suspension of the pipeline across low areas in the terrain. In hummocky of duney areas, the pipeline will be "snaked" around hummocks and dunes rather then suspended across these features.

9. The pipeline shall be buried with a minimum of **24** inches under all roads, "two-tracks," and trails. Burial of the pipe will continue for 20 feet on each side of each crossing. The condition of the road, upon completion of construction, shall be returned to at least its former state with no bumps or dips remaining in the road surface.

10. The holder shall minimize disturbance to existing fences and other improvements on public lands. The holder is required to promptly repair improvements to at least their former state. Functional use of these improvements will be maintained at all times. The holder will contact the owner of any improvements prior to disturbing them. When necessary to pass through a fence line, the fence shall be braced on both sides of the passageway prior to cutting of the fence. No permanent gates will be allowed unless approved by the Authorized Officer.

11. In those areas where erosion control structures are required to stabilize soil conditions, the holder will install such structures as are suitable for the specific soil conditions being encountered and which are in accordance with sound resource management practices.

12. Excluding the pipe, all above-ground structures not subject to safety requirement shall be painted by the holder to blend with the natural color of the landscape. The paint used shall be a color which simulates "Standard Environmental Colors" – **Shale Green**, Munsell Soil Color No. 5Y 4/2; designated by the Rocky Mountain Five State Interagency Committee.

13. The pipeline will be identified by signs at the point of origin and completion of the right-of-way and at all road crossings. At a minimum, signs will state the holder's name, BLM serial number, and the product being transported. Signs will be maintained in a legible condition for the life of the pipeline.

14. The holder shall not use the pipeline route as a road for purposes other than routine maintenance as determined necessary by the Authorized Officer in consultation with the holder. The holder will take whatever steps are necessary to ensure that the pipeline route is not used as a roadway.

15. Any cultural and/or paleontological resource (historic or prehistoric site or object) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery will be made by the

authorized officer to determine appropriate cultural or scientific values. The holder will be responsible for the cost of evaluation and any decision as to proper mitigation measures will be made by the authorized officer after consulting with the holder.

16. The operator shall be held responsible if noxious weeds become established within the areas of operations. Weed control shall be required on the disturbed land where noxious weeds exist, which includes the roads, powerline corridor, and adjacent land affected by the establishment of weeds due to this action. The operator shall consult with the Authorized Officer for acceptable weed control methods, which include following EPA and BLM requirements and policies.

17. Surface pipelines must be less than or equal to 4 inches and a working pressure below 125 psi.

18. Special Stipulations:

a. **Lesser Prairie-Chicken:** Oil and gas activities will not be allowed in lesser prairie-chicken habitat during the period from March 1st through June 15th annually. During that period, other activities that produce noise or involve human activity, such as the maintenance of oil and gas facilities and pipeline, road, and well pad construction, will be allowed except between 3:00 am and 9:00 am. The 3:00 am to 9:00 am restriction will not apply to normal, around-the-clock operations, such as venting, flaring, or pumping, which do not require a human presence during this period. Normal vehicle use on existing roads will not be restricted.

VIII. INTERIM RECLAMATION

During the life of the development, all disturbed areas not needed for active support of production operations should undergo interim reclamation in order to minimize the environmental impacts of development on other resources and uses.

Within six (6) months of well completion, operators should work with BLM surface management specialists (Jim Amos: 575-234-5909) to devise the best strategies to reduce the size of the location. Interim reclamation should allow for remedial well operations, as well as safe and efficient removal of oil and gas.

During reclamation, the removal of caliche is important to increasing the success of revegetating the site. Removed caliche that is free of contaminants may be used for road repairs, fire walls or for building other roads and locations. In order to operate the well or complete workover operations, it may be necessary to drive, park and operate on restored interim vegetation within the previously disturbed area. Disturbing revegetated areas for production or workover operations will be allowed. If there is significant disturbance and loss of vegetation, the area will need to be revegetated. Communicate with the appropriate BLM office for any exceptions/exemptions if needed.

All disturbed areas after they have been satisfactorily prepared need to be reseeded with the seed mixture provided below.

Upon completion of interim reclamation, the operator shall submit a Sundry Notices and Reports on Wells, Subsequent Report of Reclamation (Form 3160-5).

IX. FINAL ABANDONMENT & RECLAMATION

At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land are restored.

Earthwork for final reclamation must be completed within six (6) months of well plugging. All pads, pits, facility locations and roads must be reclaimed to a satisfactory revegetated, safe, and stable condition, unless an agreement is made with the landowner or BLM to keep the road and/or pad intact.

After all disturbed areas have been satisfactorily prepared, these areas need to be revegetated with the seed mixture provided below. Seeding should be accomplished by drilling on the contour whenever practical or by other approved methods. Seeding may need to be repeated until revegetation is successful, as determined by the BLM.

Operators shall contact a BLM surface protection specialist prior to surface abandonment operations for site specific objectives (Jim Amos: 575-234-5909).

Ground-level Abandoned Well Marker to avoid raptor perching: Upon the plugging and subsequent abandonment of the well, the well marker will be installed at ground level on a plate containing the pertinent information for the plugged well.

Seed Mixture for LPC Sand/Shinnery Sites

Holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed shall be done in accordance with State law(s) and within nine (9) months prior to purchase. Commercial seed shall be either certified or registered seed. The seed container shall be tagged in accordance with State law(s) and available for inspection by the Authorized Officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). Holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. Seeding shall be repeated until a satisfactory stand is established as determined by the Authorized Officer. Evaluation of growth may not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

Species	lb/acre
Plains Bristlegrass	5lbs/A
Sand Bluestem	5lbs/A
Little Bluestem	3lbs/A
Big Bluestem	6lbs/A
Plains Coreopsis	2lbs/A
Sand Dropseed	1lbs/A

*Pounds of pure live seed:

Pounds of seed **x** percent purity **x** percent germination = pounds pure live seed

Approval Date: 09/26/2019