Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE *- Other instructions on page 2*

5. Lease Serial No. NMNM05067

6. If Indian, Allottee or Tribe Name

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

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

8. Well Name and No. GISSLER B 8 AC/2H

2. Name of Operator BURNETT OIL COMPANY INCORPORATED

9. API Well No.

3a. Address BURNETT PLAZA - SUITE 1500, 801 CHERRY S

3b. Phone No. *(include area code)* (817) 583-8730

10. Field and Pool or Exploratory Area LOCO HILLS/GLORIETA YESO

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)* SEC 9/T17S/R30E/NMP

11. Country or Parish, State EDDY/NM

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

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

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

*NAME CHANGE, BOTTOM HOLE LOCATION CHANGE, LAST TAKE POINT CHANGES.

- CHANGE WELL NAME FROM GISSLER B 8 AC 2H TO GISSLER B 8 AD 2H.
- CHANGE BHL FROM UNIT C SECTION 8 970' FNL & 1420' FWL TO UNIT D SEC 8 970' FNL & 101' FWL.
- CHANGE LTP FROM UNIT C SECTION 8 970' FNL & 1420' FWL TO UNIT D SEC 8 970' FNL & 101' FWL.

ATTACHMENTS: DIRECTIONAL PLAN, FORM C-102, CASING, CEMENTING, AND MUD PLANS.

LATERAL WILL BE EXTENED INTO LEASE NMNM 7752.

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)* GRETCHEN RITCHEY / Ph: (817) 583-8718

Title Engineering Tech

Signature

Date 02/21/2023

THE SPACE FOR FEDERAL OR STATE OFICE USE

Approved by CHRISTOPHER WALLS / Ph: (575) 234-2234 / Approved

Title Petroleum Engineer

Date 02/22/2023

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

Office CARLSBAD

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.

(Instructions on page 2)

GENERAL INSTRUCTIONS

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

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.
AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.
PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.
ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.
EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:
The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.
Response to this request is mandatory.
The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

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

Additional Information

Location of Well

0. SHL: NWNW / 580 FNL / 520 FWL / TWSP: 17S / RANGE: 30E / SECTION: 9 / LAT: 32.854717 / LONG: -103.98387 (TVD: 0 feet, MD: 0 feet)

PPP: NENE / 970 FNL / 101 FEL / TWSP: 17S / RANGE: 30E / SECTION: 8 / LAT: 32.853648 / LONG: -103.985893 (TVD: 5120 feet, MD: 8680 feet)

BHL: NENW / 970 FNL / 1421 FWL / TWSP: 17S / RANGE: 30E / SECTION: 8 / LAT: 32.853649 / LONG: -103.998136 (TVD: 5120 feet, MD: 8680 feet)

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
30-015-53312	96718	LOCO HILLS GLORIETA YESO

Property Code	Property Name	Well Number
333557	GISSLER B 8 AD	2H

OGRID No.	Operator Name	Elevation
03080	BURNETT OIL COMPANY, INC.	3698'

Surface Location

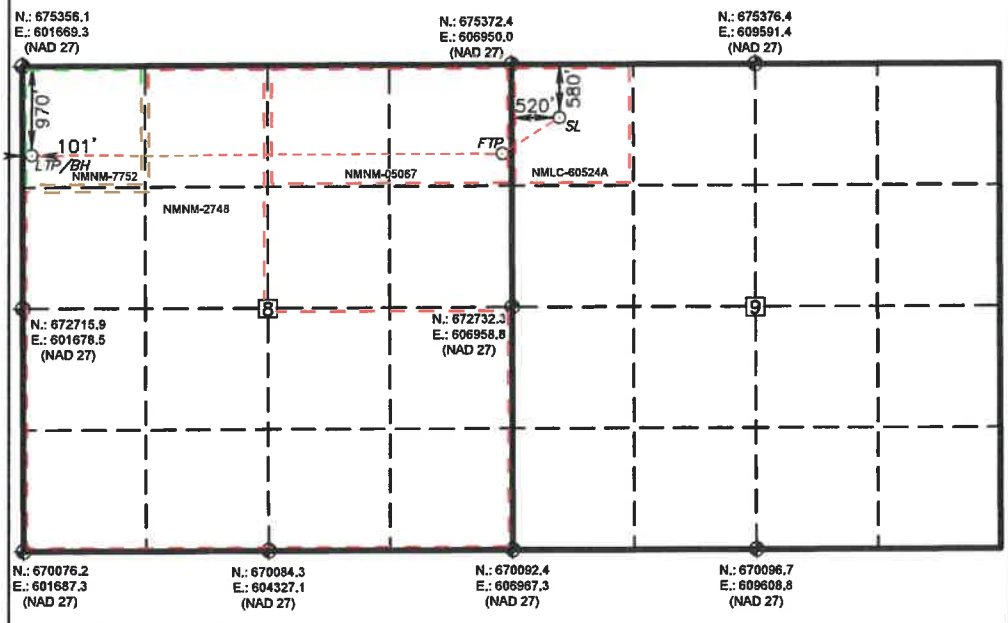
UL or lot No.	Section	Township	Range	Lot Idn	FEET from the	SOUTH/South line	FEET from the	East/EAST line	County
D	9	17 S	30 E		580	NORTH	520	WEST	EDDY

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
D	8	17 S	30 E		970	NORTH	101	WEST	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



LAST TAKE POINT/ BOTTOM HOLE LOCATION
Lat – N 32.853649°
Long – W 104.002435°
NMSPCE– N 674450.0
E 642950.7
(NAD–83)

FIRST TAKE POINT 970' FNL & 101' FEL
Lat – N 32.853648°
Long – W 103.985893°
NMSPCE– N 674465.8
E 648030.5
(NAD–83)

SURFACE LOCATION
Lat – N 32.854717°
Long – W 103.983870°
NMSPCE– N 674856.9
E 648650.1
(NAD–83)

LAST TAKE POINT/ BOTTOM HOLE LOCATION
Lat – N 32.853533°
Long – W 104.001926°
NMSPCE– N 674386.4
E 601771.7
(NAD–27)

FIRST TAKE POINT 970' FNL & 101' FEL
Lat – N 32.853532°
Long – W 103.985384°
NMSPCE– N 674402.1
E 606851.6
(NAD–27)

SURFACE LOCATION
Lat – N 32.854601°
Long – W 103.983362°
NMSPCE– N 674793.2
E 607471.2
(NAD–27)

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.

Gretchen Ritchey 2/21/23
Signature Date

Gretchen Ritchey
Printed Name

GRITCHEY@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.

AUGUST 2, 2022
Date Surveyed

Signature & Seal of Professional Surveyor

Certificate Number Gary L. Jones 7977

0' 1000' 2000' 3000' 4000'

SCALE: 1" = 2000'
WO Num.: 35824

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

Sundry Print Report

02/22/2023

Well Name: GISSLER B 8 AD

Well Location: T17S / R30E / SEC 9 / NWNW /

County or Parish/State:

Well Number: 2H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM05067

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001553312

Well Status: Approved Application for Permit to Drill

Operator: BURNETT OIL COMPANY INCORPORATED

Notice of Intent

Sundry ID: 2712233

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 02/15/2023

Time Sundry Submitted: 08:29

Date proposed operation will begin: 03/01/2023

Procedure Description: *NAME CHANGE, BOTTOM HOLE LOCATION CHANGE, LAST TAKE POINT CHANGES. - CHANGE WELL NAME FROM GISSLER B 8 AC 2H TO GISSLER B 8 AD 2H. - CHANGE BHL FROM UNIT C SECTION 8 970' FNL & 1420' FWL TO UNIT D SEC 8 970' FNL & 101' FWL. - CHANGE LTP FROM UNIT C SECTION 8 970' FNL & 1420' FWL TO UNIT D SEC 8 970' FNL & 101' FWL. ATTACHMENTS: DIRECTIONAL PLAN, FORM C-102, CASING, CEMENTING, AND MUD PLANS. LATERAL WILL BE EXTENED INTO LEASE NMNM 7752.

NOI Attachments

Procedure Description

GB8_AD_2H_C_102_Plat_Package_20230221130010.pdf

GB8_AD_2H_Drilling_Plan_and_BOP_20230215071821.pdf

GB8_AD_2H_Directional__20230215070916.pdf

Well Name: GISSLER B 8 AD

Well Location: T17S / R30E / SEC 9 / NWNW /

County or Parish/State:

Well Number: 2H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM05067

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001553312

Well Status: Approved Application for Permit to Drill

Operator: BURNETT OIL COMPANY INCORPORATED

Conditions of Approval

Specialist Review

Gissler_B_8_AD_2H_Drilling_Sundry_2712233_COA_OTA2_20230221183439.pdf

Additional

Gissler_B_8_AD_2H_Drilling_Sundry_2712233_COA_OTA_20230216090056.pdf

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: GRETCHEN RITCHEY

Signed on: FEB 21, 2023 01:00 PM

Name: BURNETT OIL COMPANY INCORPORATED

Title: Engineering Tech

Street Address: 801 CHERRY STREET UNIT 9

City: FORT WORTH **State:** TX

Phone: (817) 583-8718

Email address: GRITCHEY@BURNETTOIL.COM

Field

Representative Name: TYLER DEANS

Street Address: 801 CHERRY ST UNIT 9

City: FORT WORTH **State:** TX **Zip:** 76102

Phone: (432)553-4699

Email address: TDEANS@BURNETTOIL.COM

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752342234

BLM POC Email Address: cwalls@blm.gov

Disposition: Approved

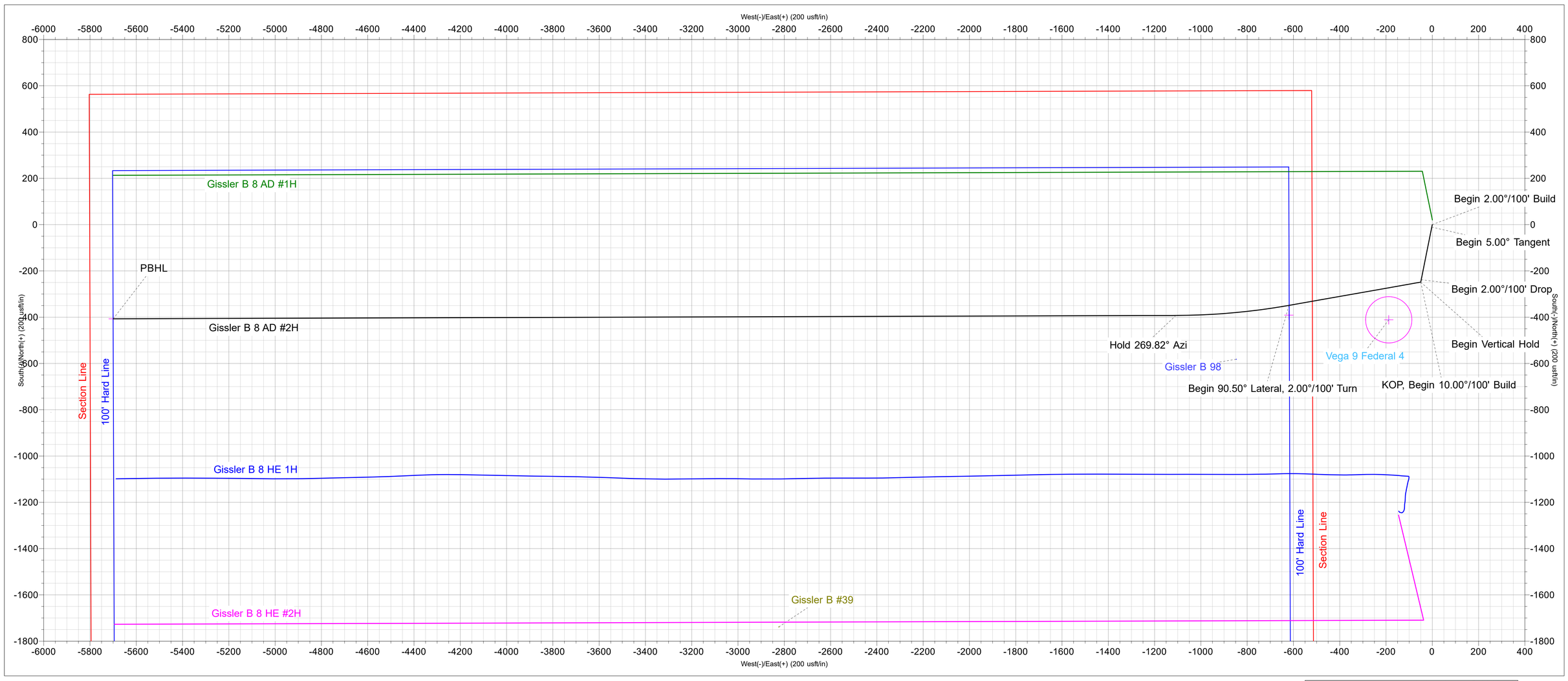
Disposition Date: 02/22/2023

Signature: Chris Walls

BURNETT OIL CO., INC.

Company: Burnett Oil Company
Site: Gissler B 8 AD
Well: Gissler B 8 AD #2H
Project: Eddy County, New Mexico (NAD83)
Rig: Robinson 3
To convert a Magnetic Direction to a Grid Direction, Add 6.41°

STRYKER DIRECTIONAL



ANNOTATIONS

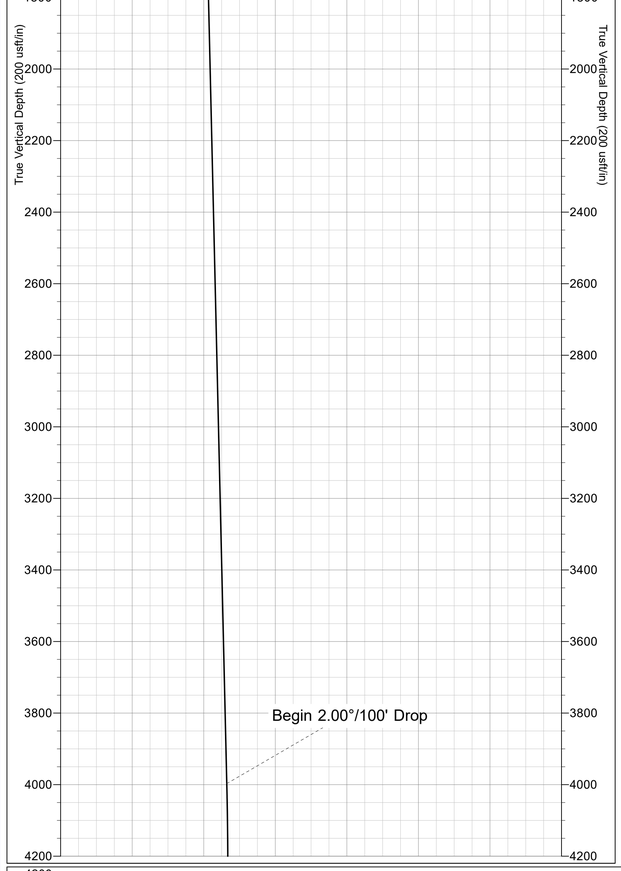
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	Begin 2.00°/100' Build
1350.02	5.00	191.35	1349.70	-10.69	-2.15	2.90	10.90	Begin 5.00° Tangent
4007.79	5.00	191.35	3997.36	-237.81	-47.75	64.57	242.56	Begin 2.00°/100' Drop
4257.81	0.00	0.00	4247.06	-248.50	-49.90	67.47	253.46	Begin Vertical Hold
4557.81	0.00	0.00	4547.06	-248.50	-49.90	67.47	253.46	KOP, Begin 10.00°/100' Build
5462.81	90.50	260.00	5120.00	-348.86	-619.08	642.35	831.42	Begin 90.50° Lateral, 2.00°/100' Turn
5953.72	90.50	269.82	5115.70	-392.37	-1107.44	1132.57	1322.31	Hold 269.82° Azi
10545.88	90.50	269.82	5075.67	-406.90	-5699.40	5713.91	5914.30	PBHL

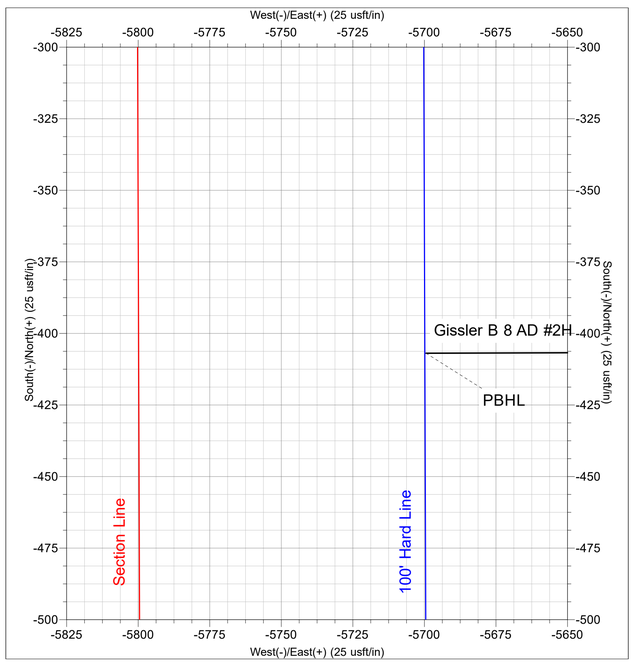
Azimuths to Grid North
True North: -0.19°
Magnetic North: 6.41°

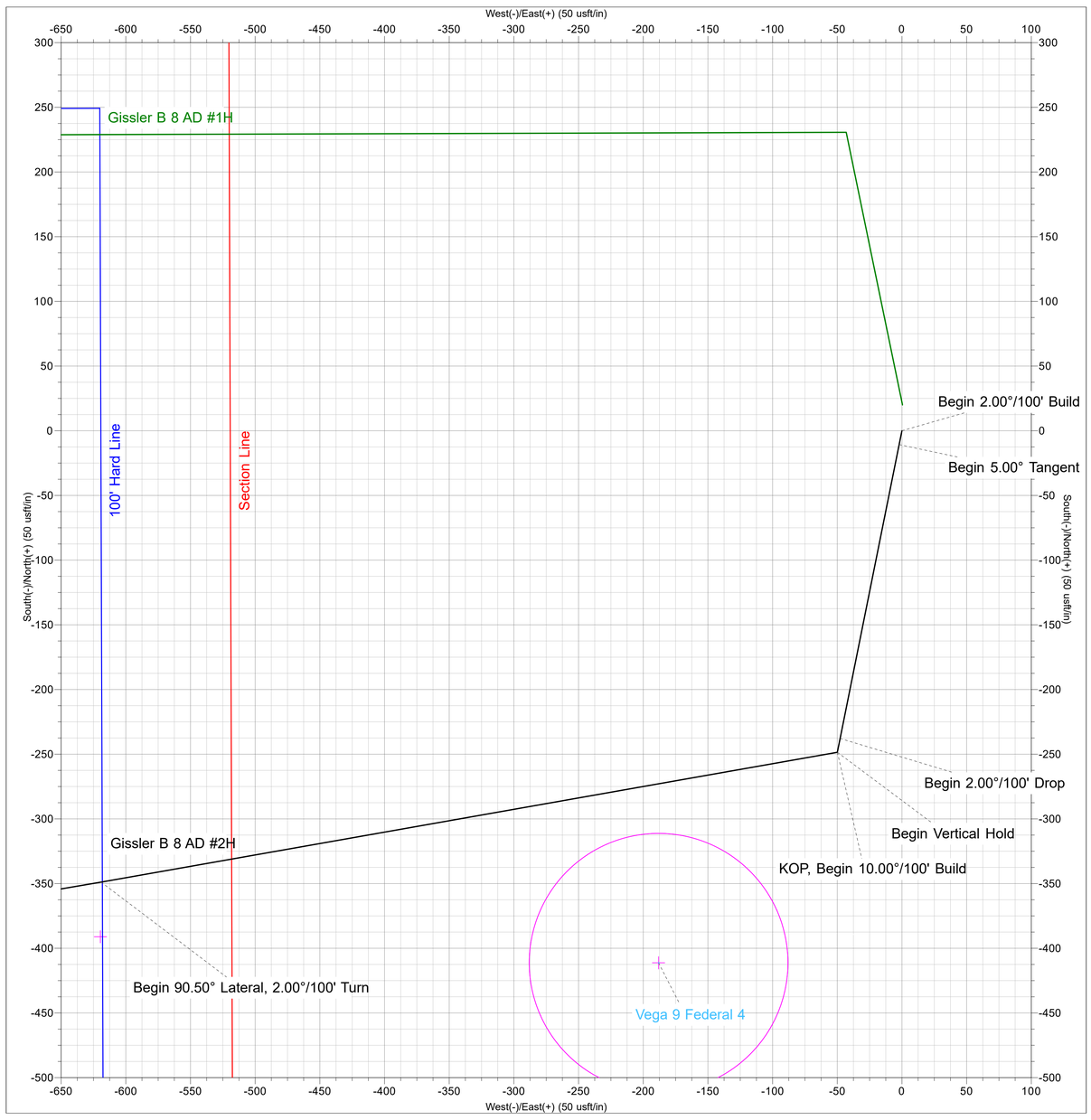
Magnetic Field
Strength: 47653.4nT
Dip Angle: 60.36°
Date: 1/27/2023
Model: IGRF2020

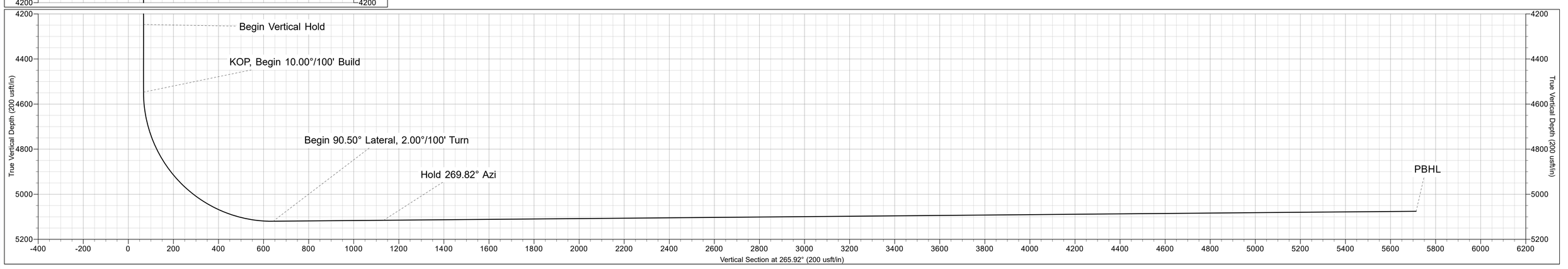
US State Plane 1983
New Mexico Eastern Zone

Created By: HLH
Date: 14:07, January 27 2023
Plan: Design #1









BURNETT OIL CO., INC.

Burnett Oil Company

Eddy County, New Mexico (NAD83)
Gissler B 8 AD
Gissler B 8 AD #2H

Wellbore #1

Plan: Design #1

Standard Planning Report

27 January, 2023

STRYKER DIRECTIONAL

BURNETT OIL CO., INC.

Stryker Directional
Planning Report

STRYKER DIRECTIONAL

Database:	EDM5000	**Local Co-ordinate Reference:**	Well Gissler B 8 AD #2H
Company:	Burnett Oil Company	**TVD Reference:**	RKB @ 3715.50usft (Robinson 3)
Project:	Eddy County, New Mexico (NAD83)	**MD Reference:**	RKB @ 3715.50usft (Robinson 3)
Site:	Gissler B 8 AD	**North Reference:**	Grid
Well:	Gissler B 8 AD #2H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project Eddy County, New Mexico (NAD83)

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site Gissler B 8 AD

Site Position:		**Northing:**	674,876.91 usft	**Latitude:**	32.854772
From:	Lat/Long	**Easting:**	648,650.53 usft	**Longitude:**	-103.983869
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.19 °

Well Gissler B 8 AD #2H

Well Position	**+N/-S**	-20.01 usft	**Northing:**	674,856.90 usft	**Latitude:**	32.854717
	+E/-W	-0.42 usft	**Easting:**	648,650.10 usft	**Longitude:**	-103.983871
Position Uncertainty		0.00 usft	**Wellhead Elevation:**		**Ground Level:**	3,698.00 usft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	1/27/2023	6.60	60.36	47,653.37276706

Design Design #1

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	0.00

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	265.92

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,350.02	5.00	191.35	1,349.70	-10.69	-2.15	2.00	2.00	0.00	191.35	
4,007.79	5.00	191.35	3,997.36	-237.81	-47.75	0.00	0.00	0.00	0.00	
4,257.81	0.00	0.00	4,247.06	-248.50	-49.90	2.00	-2.00	0.00	180.00	
4,557.81	0.00	0.00	4,547.06	-248.50	-49.90	0.00	0.00	0.00	0.00	
5,462.81	90.50	260.00	5,120.00	-348.86	-619.08	10.00	10.00	0.00	260.00	
5,953.72	90.50	269.82	5,115.70	-392.37	-1,107.44	2.00	0.00	2.00	89.96	
10,545.88	90.50	269.82	5,075.67	-406.90	-5,699.40	0.00	0.00	0.00	0.00	PBHL - Gissler B 8

BURNETT OIL CO., INC.

Stryker Directional
Planning Report

STRYKER DIRECTIONAL

Database:	EDM5000	**Local Co-ordinate Reference:**	Well Gissler B 8 AD #2H
Company:	Burnett Oil Company	**TVD Reference:**	RKB @ 3715.50usft (Robinson 3)
Project:	Eddy County, New Mexico (NAD83)	**MD Reference:**	RKB @ 3715.50usft (Robinson 3)
Site:	Gissler B 8 AD	**North Reference:**	Grid
Well:	Gissler B 8 AD #2H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #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)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
Begin 2.00°/100' Build									
1,200.00	2.00	191.35	1,199.98	-1.71	-0.34	0.46	2.00	2.00	0.00
1,300.00	4.00	191.35	1,299.84	-6.84	-1.37	1.86	2.00	2.00	0.00
1,350.02	5.00	191.35	1,349.70	-10.69	-2.15	2.90	2.00	2.00	0.00
Begin 5.00° Tangent									
1,400.00	5.00	191.35	1,399.49	-14.96	-3.00	4.06	0.00	0.00	0.00
1,500.00	5.00	191.35	1,499.11	-23.51	-4.72	6.38	0.00	0.00	0.00
1,600.00	5.00	191.35	1,598.73	-32.05	-6.44	8.70	0.00	0.00	0.00
1,700.00	5.00	191.35	1,698.35	-40.60	-8.15	11.02	0.00	0.00	0.00
1,800.00	5.00	191.35	1,797.97	-49.14	-9.87	13.34	0.00	0.00	0.00
1,900.00	5.00	191.35	1,897.59	-57.69	-11.58	15.66	0.00	0.00	0.00
2,000.00	5.00	191.35	1,997.21	-66.23	-13.30	17.98	0.00	0.00	0.00
2,100.00	5.00	191.35	2,096.83	-74.78	-15.02	20.30	0.00	0.00	0.00
2,200.00	5.00	191.35	2,196.45	-83.33	-16.73	22.62	0.00	0.00	0.00
2,300.00	5.00	191.35	2,296.07	-91.87	-18.45	24.94	0.00	0.00	0.00
2,400.00	5.00	191.35	2,395.69	-100.42	-20.16	27.26	0.00	0.00	0.00
2,500.00	5.00	191.35	2,495.31	-108.96	-21.88	29.58	0.00	0.00	0.00
2,600.00	5.00	191.35	2,594.93	-117.51	-23.60	31.90	0.00	0.00	0.00
2,700.00	5.00	191.35	2,694.55	-126.05	-25.31	34.22	0.00	0.00	0.00
2,800.00	5.00	191.35	2,794.16	-134.60	-27.03	36.54	0.00	0.00	0.00
2,900.00	5.00	191.35	2,893.78	-143.14	-28.74	38.86	0.00	0.00	0.00
3,000.00	5.00	191.35	2,993.40	-151.69	-30.46	41.18	0.00	0.00	0.00
3,100.00	5.00	191.35	3,093.02	-160.23	-32.18	43.50	0.00	0.00	0.00
3,200.00	5.00	191.35	3,192.64	-168.78	-33.89	45.83	0.00	0.00	0.00
3,300.00	5.00	191.35	3,292.26	-177.33	-35.61	48.15	0.00	0.00	0.00
3,400.00	5.00	191.35	3,391.88	-185.87	-37.32	50.47	0.00	0.00	0.00
3,500.00	5.00	191.35	3,491.50	-194.42	-39.04	52.79	0.00	0.00	0.00
3,600.00	5.00	191.35	3,591.12	-202.96	-40.76	55.11	0.00	0.00	0.00
3,700.00	5.00	191.35	3,690.74	-211.51	-42.47	57.43	0.00	0.00	0.00
3,800.00	5.00	191.35	3,790.36	-220.05	-44.19	59.75	0.00	0.00	0.00
3,900.00	5.00	191.35	3,889.98	-228.60	-45.90	62.07	0.00	0.00	0.00
4,007.79	5.00	191.35	3,997.36	-237.81	-47.75	64.57	0.00	0.00	0.00
Begin 2.00°/100' Drop									
4,100.00	3.16	191.35	4,089.33	-244.24	-49.04	66.31	2.00	-2.00	0.00
4,200.00	1.16	191.35	4,189.25	-247.93	-49.79	67.31	2.00	-2.00	0.00
4,257.81	0.00	0.00	4,247.06	-248.50	-49.90	67.47	2.00	-2.00	0.00
Begin Vertical Hold									
4,300.00	0.00	0.00	4,289.25	-248.50	-49.90	67.47	0.00	0.00	0.00
4,400.00	0.00	0.00	4,389.25	-248.50	-49.90	67.47	0.00	0.00	0.00
4,500.00	0.00	0.00	4,489.25	-248.50	-49.90	67.47	0.00	0.00	0.00
4,557.81	0.00	0.00	4,547.06	-248.50	-49.90	67.47	0.00	0.00	0.00
KOP, Begin 10.00°/100' Build									

BURNETT OIL CO., INC.

Stryker Directional
Planning Report

STRYKER DIRECTIONAL

Database:	EDM5000	**Local Co-ordinate Reference:**	Well Gissler B 8 AD #2H
Company:	Burnett Oil Company	**TVD Reference:**	RKB @ 3715.50usft (Robinson 3)
Project:	Eddy County, New Mexico (NAD83)	**MD Reference:**	RKB @ 3715.50usft (Robinson 3)
Site:	Gissler B 8 AD	**North Reference:**	Grid
Well:	Gissler B 8 AD #2H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #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)
4,600.00	4.22	260.00	4,589.21	-248.77	-51.43	69.01	10.00	10.00	0.00
4,650.00	9.22	260.00	4,638.85	-249.79	-57.19	74.83	10.00	10.00	0.00
4,700.00	14.22	260.00	4,687.80	-251.55	-67.19	84.93	10.00	10.00	0.00
4,750.00	19.22	260.00	4,735.67	-254.05	-81.35	99.23	10.00	10.00	0.00
4,800.00	24.22	260.00	4,782.10	-257.26	-99.56	117.63	10.00	10.00	0.00
4,850.00	29.22	260.00	4,826.75	-261.16	-121.70	139.98	10.00	10.00	0.00
4,900.00	34.22	260.00	4,869.27	-265.72	-147.58	166.12	10.00	10.00	0.00
4,950.00	39.22	260.00	4,909.33	-270.91	-177.01	195.85	10.00	10.00	0.00
5,000.00	44.22	260.00	4,946.64	-276.69	-209.76	228.94	10.00	10.00	0.00
5,050.00	49.22	260.00	4,980.91	-283.01	-245.60	265.13	10.00	10.00	0.00
5,100.00	54.22	260.00	5,011.88	-289.82	-284.24	304.16	10.00	10.00	0.00
5,150.00	59.22	260.00	5,039.31	-297.08	-325.39	345.72	10.00	10.00	0.00
5,200.00	64.22	260.00	5,062.99	-304.72	-368.74	389.51	10.00	10.00	0.00
5,250.00	69.22	260.00	5,082.74	-312.69	-413.96	435.18	10.00	10.00	0.00
5,300.00	74.22	260.00	5,098.42	-320.93	-460.70	482.38	10.00	10.00	0.00
5,350.00	79.22	260.00	5,109.90	-329.38	-508.61	530.77	10.00	10.00	0.00
5,400.00	84.22	260.00	5,117.10	-337.97	-557.32	579.97	10.00	10.00	0.00
5,450.00	89.22	260.00	5,119.96	-346.64	-606.46	629.61	10.00	10.00	0.00
5,462.81	90.50	260.00	5,120.00	-348.86	-619.08	642.35	10.00	10.00	0.00
Begin 90.50° Lateral, 2.00°/100' Turn									
5,500.00	90.50	260.74	5,119.67	-355.08	-655.74	679.36	2.00	0.00	2.00
5,600.00	90.50	262.74	5,118.80	-369.44	-754.70	779.09	2.00	0.00	2.00
5,700.00	90.50	264.74	5,117.92	-380.34	-854.09	879.01	2.00	0.00	2.00
5,800.00	90.50	266.74	5,117.05	-387.76	-953.81	979.00	2.00	0.00	2.00
5,900.00	90.50	268.74	5,116.17	-391.69	-1,053.72	1,078.94	2.00	0.00	2.00
5,953.72	90.50	269.82	5,115.70	-392.37	-1,107.44	1,132.57	2.00	0.00	2.00
Hold 269.82° Azi									
6,000.00	90.50	269.82	5,115.30	-392.51	-1,153.71	1,178.74	0.00	0.00	0.00
6,100.00	90.50	269.82	5,114.43	-392.83	-1,253.71	1,278.50	0.00	0.00	0.00
6,200.00	90.50	269.82	5,113.56	-393.15	-1,353.70	1,378.26	0.00	0.00	0.00
6,300.00	90.50	269.82	5,112.68	-393.46	-1,453.70	1,478.03	0.00	0.00	0.00
6,400.00	90.50	269.82	5,111.81	-393.78	-1,553.70	1,577.79	0.00	0.00	0.00
6,500.00	90.50	269.82	5,110.94	-394.10	-1,653.69	1,677.56	0.00	0.00	0.00
6,600.00	90.50	269.82	5,110.07	-394.41	-1,753.69	1,777.32	0.00	0.00	0.00
6,700.00	90.50	269.82	5,109.20	-394.73	-1,853.68	1,877.09	0.00	0.00	0.00
6,800.00	90.50	269.82	5,108.33	-395.04	-1,953.68	1,976.85	0.00	0.00	0.00
6,900.00	90.50	269.82	5,107.45	-395.36	-2,053.67	2,076.61	0.00	0.00	0.00
7,000.00	90.50	269.82	5,106.58	-395.68	-2,153.67	2,176.38	0.00	0.00	0.00
7,100.00	90.50	269.82	5,105.71	-395.99	-2,253.67	2,276.14	0.00	0.00	0.00
7,200.00	90.50	269.82	5,104.84	-396.31	-2,353.66	2,375.91	0.00	0.00	0.00
7,300.00	90.50	269.82	5,103.97	-396.63	-2,453.66	2,475.67	0.00	0.00	0.00
7,400.00	90.50	269.82	5,103.10	-396.94	-2,553.65	2,575.44	0.00	0.00	0.00
7,500.00	90.50	269.82	5,102.22	-397.26	-2,653.65	2,675.20	0.00	0.00	0.00
7,600.00	90.50	269.82	5,101.35	-397.58	-2,753.64	2,774.97	0.00	0.00	0.00
7,700.00	90.50	269.82	5,100.48	-397.89	-2,853.64	2,874.73	0.00	0.00	0.00
7,800.00	90.50	269.82	5,099.61	-398.21	-2,953.64	2,974.49	0.00	0.00	0.00
7,900.00	90.50	269.82	5,098.74	-398.53	-3,053.63	3,074.26	0.00	0.00	0.00
8,000.00	90.50	269.82	5,097.86	-398.84	-3,153.63	3,174.02	0.00	0.00	0.00
8,100.00	90.50	269.82	5,096.99	-399.16	-3,253.62	3,273.79	0.00	0.00	0.00
8,200.00	90.50	269.82	5,096.12	-399.48	-3,353.62	3,373.55	0.00	0.00	0.00
8,300.00	90.50	269.82	5,095.25	-399.79	-3,453.61	3,473.32	0.00	0.00	0.00
8,400.00	90.50	269.82	5,094.38	-400.11	-3,553.61	3,573.08	0.00	0.00	0.00
8,500.00	90.50	269.82	5,093.51	-400.42	-3,653.61	3,672.84	0.00	0.00	0.00

BURNETT OIL CO., INC.

Stryker Directional
Planning Report

STRYKER DIRECTIONAL

Database:	EDM5000	**Local Co-ordinate Reference:**	Well Gissler B 8 AD #2H
Company:	Burnett Oil Company	**TVD Reference:**	RKB @ 3715.50usft (Robinson 3)
Project:	Eddy County, New Mexico (NAD83)	**MD Reference:**	RKB @ 3715.50usft (Robinson 3)
Site:	Gissler B 8 AD	**North Reference:**	Grid
Well:	Gissler B 8 AD #2H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #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)
8,600.00	90.50	269.82	5,092.63	-400.74	-3,753.60	3,772.61	0.00	0.00	0.00
8,700.00	90.50	269.82	5,091.76	-401.06	-3,853.60	3,872.37	0.00	0.00	0.00
8,800.00	90.50	269.82	5,090.89	-401.37	-3,953.59	3,972.14	0.00	0.00	0.00
8,900.00	90.50	269.82	5,090.02	-401.69	-4,053.59	4,071.90	0.00	0.00	0.00
9,000.00	90.50	269.82	5,089.15	-402.01	-4,153.58	4,171.67	0.00	0.00	0.00
9,100.00	90.50	269.82	5,088.28	-402.32	-4,253.58	4,271.43	0.00	0.00	0.00
9,200.00	90.50	269.82	5,087.40	-402.64	-4,353.58	4,371.20	0.00	0.00	0.00
9,300.00	90.50	269.82	5,086.53	-402.96	-4,453.57	4,470.96	0.00	0.00	0.00
9,400.00	90.50	269.82	5,085.66	-403.27	-4,553.57	4,570.72	0.00	0.00	0.00
9,500.00	90.50	269.82	5,084.79	-403.59	-4,653.56	4,670.49	0.00	0.00	0.00
9,600.00	90.50	269.82	5,083.92	-403.91	-4,753.56	4,770.25	0.00	0.00	0.00
9,700.00	90.50	269.82	5,083.04	-404.22	-4,853.55	4,870.02	0.00	0.00	0.00
9,800.00	90.50	269.82	5,082.17	-404.54	-4,953.55	4,969.78	0.00	0.00	0.00
9,900.00	90.50	269.82	5,081.30	-404.86	-5,053.55	5,069.55	0.00	0.00	0.00
10,000.00	90.50	269.82	5,080.43	-405.17	-5,153.54	5,169.31	0.00	0.00	0.00
10,100.00	90.50	269.82	5,079.56	-405.49	-5,253.54	5,269.07	0.00	0.00	0.00
10,200.00	90.50	269.82	5,078.69	-405.81	-5,353.53	5,368.84	0.00	0.00	0.00
10,300.00	90.50	269.82	5,077.81	-406.12	-5,453.53	5,468.60	0.00	0.00	0.00
10,400.00	90.50	269.82	5,076.94	-406.44	-5,553.52	5,568.37	0.00	0.00	0.00
10,500.00	90.50	269.82	5,076.07	-406.75	-5,653.52	5,668.13	0.00	0.00	0.00
10,545.88	90.50	269.82	5,075.67	-406.90	-5,699.40	5,713.91	0.00	0.00	0.00
PBHL									

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
VP/KOP - Gissler B 8	0.00	0.00	4,247.06	-389.30	-41.64	674,467.59	648,608.46	32.853647	-103.984011
- plan misses target center by 141.04usft at 4257.81usft MD (4247.06 TVD, -248.50 N, -49.90 E)									
- Point									
PBHL - Gissler B 8 AD	0.00	0.00	5,075.67	-406.90	-5,699.40	674,450.00	642,950.70	32.853649	-104.002435
- plan hits target center									
- Point									
FTP - Gissler B 8 AD	0.00	0.00	5,120.00	-391.10	-619.60	674,465.80	648,030.50	32.853648	-103.985893
- plan misses target center by 41.52usft at 5470.39usft MD (5119.93 TVD, -350.17 N, -626.54 E)									
- Point									

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
1,100.00	1,100.00	0.00	0.00	Begin 2.00°/100' Build
1,350.02	1,349.70	-10.69	-2.15	Begin 5.00° Tangent
4,007.79	3,997.36	-237.81	-47.75	Begin 2.00°/100' Drop
4,257.81	4,247.06	-248.50	-49.90	Begin Vertical Hold
4,557.81	4,547.06	-248.50	-49.90	KOP, Begin 10.00°/100' Build
5,462.81	5,120.00	-348.86	-619.08	Begin 90.50° Lateral, 2.00°/100' Turn
5,953.72	5,115.70	-392.37	-1,107.44	Hold 269.82° Azi
10,545.88	5,075.67	-406.90	-5,699.40	PBHL

BURNETT OIL CO
FORT WORTH ★ TEXAS

DRILLING PLAN
GISSLER B 8 AD 2H
HORIZONTAL LOCO HILLS GLORIETA YESO WELL

1. Geological Name of Surface Formation with Estimated Depth:

Geological Name	Estimate Top	Anticipated Fresh Water, Oil or Gas
Alluvium	Surface	There is no fresh water here
Salt	528’	
Base Salt	1089’	
Yates	1272’	
Seven Rivers	1532’	
Queen	2135’	Oil
Grayburg	2513’	Oil
San Andres	2866’	Oil
Glorieta	4314’	Oil
Yeso	4432’	Oil
Total Depth	Refer to APD	Oil

No other formations are expected to yield fresh water, oil or gas in measurable volumes. There is no groundwater in the immediate vicinity where we will be drilling. We will set 13-3/8” casing @ +/-500’ in the Anhydrite above the salt and circulate cement to surface.

We will set 9-5/8” intermediate casing at +/-1,300’ and circulate cement to surface. All intervals will be isolated by setting 7” x 5-1/2” casing to total depth and circulating cement from the shoe to the stage tool at +/-4,000’ and from +/-4,000’ to above the base of the 9-5/8” intermediate casing shoe.

2. Casing Program: (ALL CASING WILL BE NEW API APPROVED MATERIAL.)

(MW = 10 PPG IN DESIGN FACTOR CALCULATIONS.)

a. Design Safety Factors:

Type	Hole Size	Depth Interval	OD CSG	Weight	Collar	Grade	Collapse Design Factor	Burst Design Factor	Tension Design Factor
Conductor	24”	0-90’	20”	Contractor	Discretion	----------	----------	----------	----------
Surface	17-1/2”	0-500’	13-3/8”	48#	ST&C	J-55	1.125	1.00	1.80
Intermediate	12-1/4”	0’-1300’	9-5/8”	36#	ST&C	J-55	1.125	1.00	1.80
Production	8-1/2”	0’-4600’	7”	26#	LT&C	P-110	1.125	1.00	1.80
	8-1/2”	4600’-10545’	5-1/2”	17#	BTC	P-110	1.125	1.00	1.80

DRILLING PLAN
Horizontal Yeso

b. Surface Casing Info

The proposed 13-3/8" casing setting depth is +/- 500' based on cross sections which show the estimated top of the rustler and top of salt. Drilling times will be plotted to find the hard section just above the salt. A mud logger will be on location to evaluate drill and cutting samples as long as circulation is maintained. If salt is penetrated, it will be obvious by the sudden increase in water salinity and surface casing will then be set above the top of salt. Our highly experienced drilling personnel have drilled many wells in this area and are able to easily identify the hard streak on the top of the salt.

c. Intermediate casing

We will run 9-5/8" intermediate casing to +/-1,300' and circulate cement to surface to get the Salt section behind pipe.

d. Production casing

We will run 7" x 5-1/2" production casing with a DV Tool at +/-4,000', then a crossover from 7" to 5-1/2" (4600' –TD). The lateral will be cemented up to the stage tool and then from the stage tool up hole into the intermediate casing with top of cement reaching approximately 1,000'.

3. Cementing Program

BLM to be notified prior to all cementing and tag operations in order to observe the operation if desired.

a. 13 3/8" Surface Casing:

- Cement to surface
- 20 bbls fresh water spacer at 8.4 lbm/gal.
- Lead: 330 sx ExtendaCem – CZ 0.1250 lbm Poly-E-Flake. Fluid weight 13.5 lbm/gal, slurry yield 1.745 ft3/sx, total mixing fluid 9.18 gal/sx.
- Tail: 340 sx HalCem 2% Calcium Chloride – flake, fluid weight 14.8 lbm/gal, slurry yield 1.347 ft3/sx, total mixing fluid 6.39 gal/sx.
- Excess Cement: **100%**

If cement does not circulate to surface, BLM will be notified of same, and advised of the plan to bring the cement to surface so BLM may witness tagging and cementing. If surface pressures when circulating indicate cement is low in the annulus, temperature survey results will be reviewed with BLM representative to determine the remediation needed.

b. 9 5/8" Intermediate Casing:

- Cement to surface
- Lead: 475 sx ExtendaCem – CZ 0.1250 lbm Poly-E-Flake, Fluid weight 13.5 lbm/gal, slurry yield 1.745 ft3/sx, total mixing fluid 9.2 gal/sx.

DRILLING PLAN
Horizontal Yeso

- Tail: 205 sx HalCem fluid weight 14.8 lbm/gal, slurry yield 1.326 ft3/sx, total mixing fluid 6.34 gal/sx.

- Excess Cement: 50%

c. 7" & 5 1/2" Production Casing:

- This casing/cementing is designed to bring cement to approximately 1,500' inside the intermediate casing.

- Lead: 1135 Sx 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, 13.0# Yield 1.48 H2O 7.577.

- Excess Cement: 20%

- Open DV Tool and pump the following cement.

- Lead: 305 Sx 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 pps PF29 Cellophane, 12.9#, Yield 1.82 H2O 9.21.

- Tail: 150 Sx PVL + 1.3% (BWOW) PF44 Salt + 5% PF174 Expanding Cement + 0.5% PF606 Fluidloss + 0.1% PF153 Antisettling + 0.4 pps PF45 Defoamer, 13.0#, Yield 1.48 H2O 7.577.

- Excess Cement: 35%

4. Pressure Control Equipment:

The blowout prevention equipment (BOPE) shown in Exhibit L will consist of a 3000 PSI Hydril Unit (annular) with hydraulic closing equipment. The equipment will comply with Onshore Order #2 and will be tested to 50% of rated working pressure (RWP) and maintained for at least ten (10) minutes. The 8-5/8" 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. Other accessory BOP equipment will include a Kelly cock, floor safety valve, choke lines and choke manifold having 3000 PSI WP rating.

Occasionally, water flows are encountered from formations that have been water flooded including the Grayburg, Metex, Premier, San Andres, Vacuum, Lovington and Jackson formations. To control these water flows and to drill through salt formation(s), our anticipated maximum mud weight is 10.2 ppg. For the producing formation and at TD, the pore pressure in this area is 0.47 psi/ft based on review of drilling histories, mud weights, formation gradients etc. from surrounding wells.

Burnett is requesting to keep the Mud/Gas Separator on location but only connect if/when needed.

5. Auxiliary Well Control and Monitoring Equipment:

a. A Kelly cock will be in the drill string at all times.

DRILLING PLAN
Horizontal Yeso

b. A full opening drill pipe stabbing valve with the appropriate connections will be on the rig floor at all times.

c. Hydrogen Sulfide detection and breathing equipment will be installed and in operation at a drilling depth of 1800' (which is more than 500' above top of Grayburg) and will remain until production casing is cemented.

d. An H2S compliance package will be on all sites while drilling.

6. Proposed Mud Circulation System (Closed Loop System)

Depth	Mud Wt	Vis	Fluid Loss	Type System
0' - 500'	8.4 - 9.5		NC	Fresh Water
500' - 1300' MD	10.0 max		NC	Brine Water
1300' – TD MD	10.0 max		NC	Brine Water

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

Pason equipment will be used to monitor the mud system.

7. Logging, Coring and Testing program:

a. No cores or DSTs are planned at this time.

b. A mud logger will be on the well from 200' to TD.

c. No open hole logs will be run.

8. Potential Hazards:

No abnormal pressures or temperatures are expected. Lost circulation is expected in the surface hole and not expected in production.

Occasionally, water flows are encountered from formations that have been water flooded including the Grayburg, Metex, Premier, San Andres, Vacuum, Lovington and Jackson formations. To control these water flows and to drill through salt formation(s), our anticipated maximum mud weight is 10.2 ppg.

For the producing formation and at TD, the pore pressure in this area is 0.47 psi/ft based on review of drilling histories, mud weights, formation gradients etc. from surrounding wells. Based upon logs of wells in this area, the anticipated bottom hole temperature is 105°F.

There is known H2S in this area. In the event that it is necessary to follow the H2S plan, a remote choke will be installed as required in Onshore Order 6. Refer to the attached H2S plan for details.

9. Anticipated Start Date and Duration of Operation

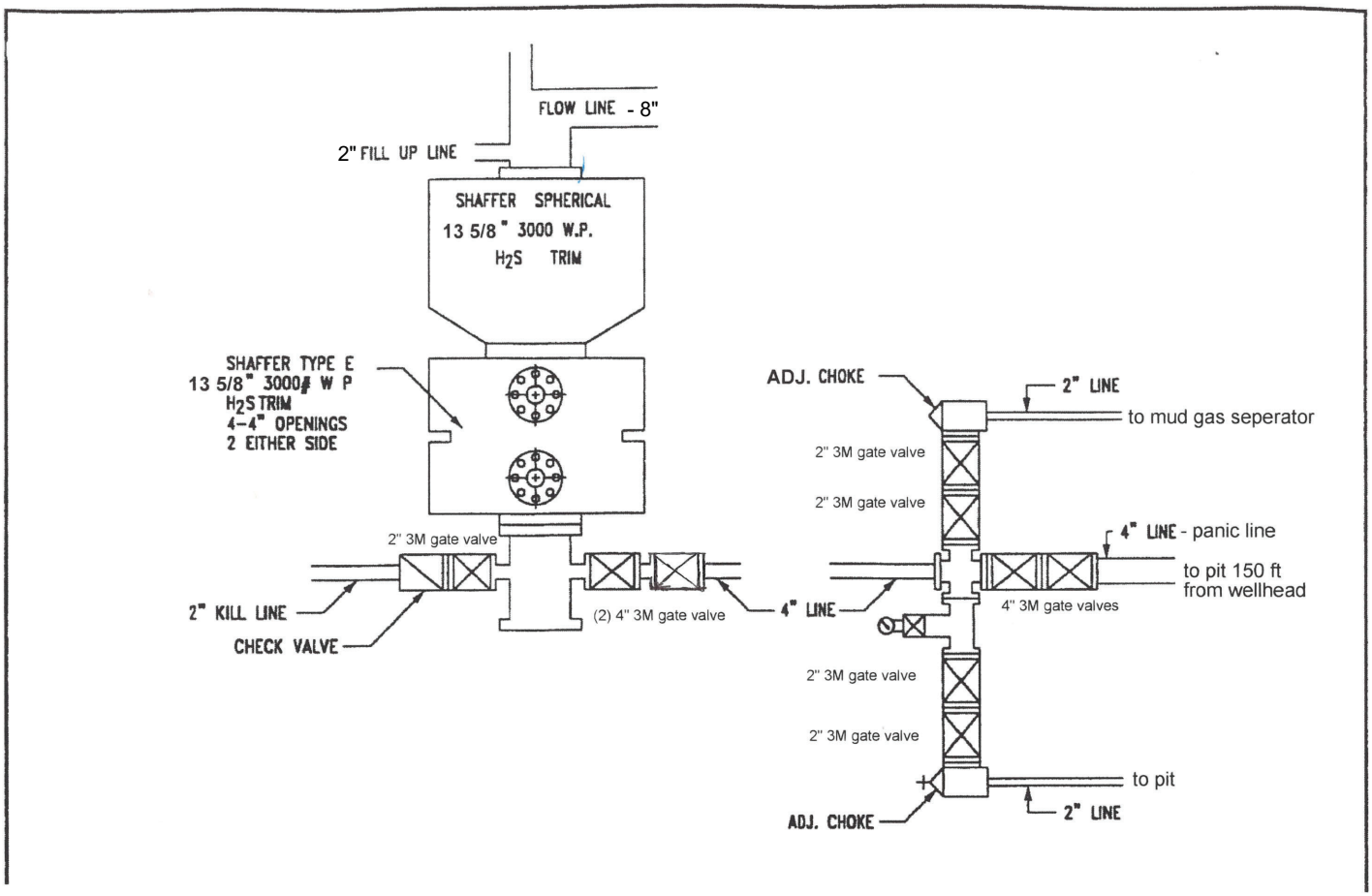
DRILLING PLAN
Horizontal Yeso

Road and location construction will begin after BLM has approved the APD and has approved the start of the location work. Anticipated spud date will be as soon as the location building work has been completed and the drilling rig is available to move to the location. Move in operations and drilling is expected to take approximately 25 days. If production casing is run, an additional 90 days would be required to complete the well and install the necessary surface equipment (pumping unit, electricity, flowline and storage facility) in order to place the well on production.

10. Completion Procedure

Upon completion of drilling operations, this well will be perforated and frac'd in multiple stages. Due to the completion process that Burnett utilizes, we do not anticipate any flowback. Upon completion of stimulation, the well will be put on production.

13 5/8 " 3M BOP Stack



PECOS DISTRICT
DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME:	**BURNETT OIL COMPANY INCORPORATED**
LEASE NO.:	**NMNM05067**
WELL NAME & NO.:	Gissler B 8 AD 2H
SURFACE HOLE FOOTAGE:	580'/N & 520'/W
BOTTOM HOLE FOOTAGE	970'/N & 101'/W
LOCATION:	Section 9, T.17 S., R.30 E., NMP
COUNTY:	Eddy County, New Mexico

COA

H2S	◉ Yes	○ No	
Potash	◉ None	○ Secretary	○ R-111-P
Cave/Karst Potential	◉ Low	○ Medium	○ High
Cave/Karst Potential	○ Critical		
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

All Previous COAs Still Apply.

A. CASING

1. The **13-3/8** inch surface casing shall be set at approximately **500** 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 1/2** inch production casing is:

Option 1 (Single Stage):

Cement should tie-back at least **200 feet** into previous casing string. Operator shall provide method of verification.
Excess cement calculates to -36%, additional cement might be required.

Option 2:

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.

B. 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 **2000 (2M)** psi.

2. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the intermediate casing shoe shall be **2000 (2M)** psi.

OTA02162023

PECOS DISTRICT
DRILLING CONDITIONS OF APPROVAL

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OTA02212023

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Operator: BURNETT OIL CO INC 801 Cherry Street Unit #9 Fort Worth, TX 76102	OGRID: 3080
	Action Number: 196036
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	None	8/15/2025