

Form 3160-5

N.M. Oil Cons. Division

FORM APPROVED

(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

811 S 1st Street
Artesia, NM 88210-2834

Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORT ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. LC 029338A
2. Name of Operator Burnett Oil Co., Inc.	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 801 Cherry Street, Suite 1500, Fort Worth, TX 76102 817/332-5108	7. If Unit or CA., Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 330' FNL, 1880' FEL, Sec. 14, T17S, R30E	8. Well Name and No. GJSAU #8 TO Gissler A #8
	9. API Well No. 30-015-04286
	10. Field and Pool, or Exploratory Area Grayburg-Jackson
	11. County or Parish, State Eddy County, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion	<input checked="" type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input checked="" type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other CHANGE WELL NAME	<input type="checkbox"/> Dispose Water

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

11/14 - 22/96 Prepared location, set anchors, ran 7" scraper & 4 1/2" scraper, ran CNL from 3140' to 1700', ran CBL. Set CIBP @ 3135'. Dumped 35' cement on top of plug. Tested for leak in 7" casing using RBP & packer. Replaced top six(6) jts 7" casing, installed new casing & tubing head, notified NMOCD & pressured up on 7" casing to 300 PSI for 15 mins-no leak off.
11/23-12/24/96 Perforated casing using 3 1/8" select fire casing gun @ 2794' -98'(8 shots),1 SPF @ 2813',2842',2851',2880',2893' & 2910' & (8 shots) from 2962'-2964' - total of 22 holes. Acidized open perms w/total 2000 gals 15% HCL dropping 33 balls. The average PSI was 1560#. Fraced opened perms w/total 1037 bbls Spectra Frac G-3000 w/133,220# 20/40 sand. Tested well to test tanks on location @ various choke settings. Installed 2 3/8" tubing & sucker rods, preparing to install electricity & a pumping unit.

We request your approval to lay a 2100" approx. flowline from this well site to a location approximately 210' south of the GJSAU #21 well and to construct a complete new tank battery @ this legal site of 1440' FSL, 1650' FEL Sec.14,T17S,R30E. This location is part of the same lease for the re-named well, Gissler "A" #8. All produced water will be disposed into an approved water disposal facility. An archaeological study dated 12/05/96 covering this line & battery site was mailed to the Carlsbad Resource area office. A copy of this report and a plat of the area is attached for your review. Please note that this will be a flowline and not a water injection line. We propose the name of this new tank battery to be Gissler A2 since there is already a Gissler A facility in Sec 11 T17S R30E



Desert West

ARCHAEOLOGICAL SERVICES

December 5, 1996

Mr. Sterling Randolph
BURNETT OIL COMPANY, INC.
P.O. Box 188
Loco Hills, NM 88235

Dear Mr. Randolph:

Enclosed please find Desert West Archaeological Services (DWAS) Clearance Report for BURNETT OIL COMPANY, INC.'S proposed Grayburg Jackson Well No. 21 Tank Battery Pad; and Water Injection Lines serving the Grayburg Jackson Well No. 8, 21, 41, 26, and 31 in Sections 23, 14, and 13, T 17 S, R 30 E, Eddy County, New Mexico. One isolated occurrence (IO) was encountered during the archaeological investigation. Archaeological clearance is recommended for BURNETT OIL COMPANY, INC.'S proposed Grayburg Jackson Well No. 21 Tank Battery Pad, and Water Injection Lines.

The Bureau of Land Management will review this report and make the final decision on archaeological clearance for this project.

If you have any questions, please call our office.

Sincerely,

Arita Slate

cc: Mr. Rayford Starkey, BURNETT OIL COMPANY, INC., Loco Hills (2)
Bureau of Land Management, Carlsbad Resource Area, (2)

ARCHAEOLOGICAL SURVEY of BURNETT Oil Company's proposed Grayburg Jackson Well No. 21 Tank Battery Pad; (approx. 250' X 200'); Water Injection Line serving the Grayburg Jackson Well No. 8 and 21, (150' X approx. 1800'); and Water Injection Line serving the Grayburg Jackson Well No. 41, 26, and 31; (150' X approx. 2700'); in Sections 23, 14, and 13, T17S, R30E, NMPM, Eddy County, NM

LAND STATUS: Federal (BLM)
USGS 7.5' Series, Loco Hills, NM (Prov. Ed. 1985)

PREPARED FOR: BURNETT OIL COMPANY, INC.
801 Cherry Street, Suite 1500
Fort Worth, TX 76102-6869

DWAS Report: 96-04D

NMCRIS#: 54805

David Wilcox, Project Director

DESERT WEST ARCHAEOLOGICAL SERVICES
P.O. Box 645
Carlsbad, New Mexico 88221-0645
(505) 887-7646

PERMIT NO.: 123-2920-I

DATE: December 5, 1996

Attention: Mr. Sterling Randolph

Distribution: BURNETT OIL COMPANY, INC., Fort Worth (1)
Mr. Rayford Starkey, BURNETT OIL COMPANY, INC., Loco Hills (1)
Bureau of Land Management, Carlsbad Resource Area, Carlsbad (2)

DESERT WEST ARCHAEOLOGICAL SERVICES

on lands administered by the

Department of the Interior

Bureau of Land Management

Roswell District, New Mexico

CULTURAL RESOURCES EXAMINATION

DWAS PERMIT NO: 123-2920-I

DWAS Job No.: 96-04D


NMCRIS# 54805

1. ABSTRACT:

An intensive archaeological survey of the BURNETT OIL COMPANY, INC.'S proposed Grayburg Jackson Well No. 21 Tank Battery Pad; (approx. 250' X 200'; 1.14 acres); Water Injection Line serving the Grayburg Jackson Well No. 8 and 21, (150' X approx. 1800'; approx. 6.19 acres); and Water Injection Line serving the Grayburg Jackson Well No. 41, 26, and 31; (150' X approx. 2700'; approx. 9.29 acres); were conducted on December 5, 1996; by Jon Blackwelder and James Hollen, Staff Archaeologists. Total area surveyed and inventoried for cultural resources was approximately 16.62 acres. The proposed projects are situated in Sections 23, 14, and 13, T17S, R30E, , NMPM, Eddy County, New Mexico. Mr. Jim Arline, BURNETT OIL COMPANY, INC., requested the archaeological investigation. Aside from one (1), isolated occurrence (IO), encountered during investigation of the Water Injection Line serving the Grayburg Jackson Well No. 8, and 21, no additional cultural resources were encountered. Archaeological clearance for BURNETT OIL COMPANY, INC.'S proposed Tank Battery Pad and Water Injection Lines are recommended as presently staked.

2. LEGAL DESCRIPTION:

T17S, R30E, , Sections 23, 14, and 13, NMPM, Eddy County, New Mexico

Grayburg Jackson Well No. 21 Tank Battery Pad (approx. 250' X 200'); Section 14: NW1/4 SE1/4 SW1/4 SE1/4;**Water Injection Line serving the Grayburg Jackson Well No. 8 and 21 (150' X approx. 1800'); Section 14: SE1/4 SW1/4 SE1/4; NE1/4 SW1/4 SE1/4; SE1/4 NW1/4 SE1/4; Section 23: NE1/4 NW1/4 NE1/4;****Water Injection Line serving the Grayburg Jackson Well No. 41, 26, and 31 (150' X approx. 2700'); Section 13: NE1/4 NE1/4 SW1/4; NW1/4 NE1/4 SW1/4; SW1/4 SE1/4 NW1/4; NW1/4 SE1/4 NW1/4; SW1/4 NE1/4 NW1/4; SE1/4 NE1/4 NW1/4;****MAP REFERENCE:** USGS 7.5' Series, Loco Hills, NM (Prov. Ed. 1985) [Figure 1]**LAND STATUS:** BLM, Roswell District, Carlsbad Resource Area, NM**3. PROJECT DESCRIPTION:**

Grayburg Jackson Well No. 21 Tank Battery Pad (approx. 250' X 200'; approx 1.14 acres); Water Injection Line serving the Grayburg Jackson Well No. 8 and 21 (150' X approx. 1800'; approx. 6.19 acres); Water Injection Line serving the Grayburg Jackson Well No. 41, 26, and 31 (150' X approx. 2700'; approx. 9.29 acres). Total area surveyed and inventoried for cultural resources was approximately 16.62 acres, north of State Route 82, west of Skelly Road and Square Lake Road, and south-southwest of Square Lake.

TOPOGRAPHY:

The proposed projects are situated upon low to moderate relief dunal plains containing deflation basins of shallow to moderate depths. The project area is bisected in multiple areas by existing pipelines, access roads, existing well pads, and other oil and gas industrial developments and disturbances

Soils: Kermit-Berino Association: Sandy, deep soils from wind-worked mixed sand deposits.

Water Source: (Permanent): Pecos River, approx. 20 miles, west
(Potential): Cedar Lake Draw, approx. 2 miles, south-southwesterly

Aspect: 360 degrees to south-southeasterly

Elevation: Ranges from approximately 3660' to 3700'

Lithic Resources: outside of surveyed area

Vegetation: shin oak, mesquite, sage, yucca, prickly pear, Mormon Tea, and snakeweed

4. EXAMINATION PROCEDURE:

Straight and zigzag line transects, spaced not more than 15 meters apart.

Work hours on ground: 2 hours (2 archaeologists)

Area Delineation: staked by client

Visibility: 60-80%, due to vegetation

Lighting Conditions: good

Weather: sunny, clear, windy and cool

5. FINDINGS:

A BLM Prefield Literature Search for the project area conducted by Danny Boone, Staff Archaeologist, revealed no previously recorded sites within a 500' radius of the proposed project area.

6. RESULTS OF SURVEY:

One isolated occurrence (IO) was encountered during the archaeological investigation of BURNETT OIL COMPANY, INC.'S proposed Water Injection Line serving the Grayburg Jackson Well No. 8, and 21. No additional cultural resources were encountered during the other investigations. This isolate does not appear significant beyond the level of field recording.

Isolated Occurrence (IO)

IO#1, T 17 S, R 30 E, NW/4 SEA/4 SW/4 SE1/4; Section 14, NMPM, Eddy County, New Mexico. consists of three amethyst glass shards of Historic Temporality found mixed with other assorted modern trash. Map Reference: USGS 7.5' Series, Loco Hills, NM (Prov. Ed. 1985)

7. RECOMMENDATIONS:

Archaeological clearance for BURNETT OIL COMPANY, INC.'S proposed Grayburg Jackson Well No. 21 Tank Battery Pad and Water Injection Line serving the Grayburg Jackson Well No. 8, and 21, and Water Injection Line serving the Grayburg Jackson Well No. 41, 26, and 31 are recommended as presently staked. If additional cultural resources are encountered during construction, the BLM and DWAS should be notified immediately. Clearance, of course, is granted by the BLM.

James R. Hallen 12/6/96

BURNETT OIL CO, INC.

GRAYBURG JACKSON -
SAN ANDRES UNIT
EDDY COUNTY, NEW MEXICO

