

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

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

Submit to appropriate District Office

☐ AMENDED REPORT

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

¹ Operator Name and Address Judah Oil Company, Inc PO Box 568 Artesia, New Mexico 88211		⁴ OGRID Number 175260	
² Property Code		³ API Number 30 - 015-24119	
⁵ Property Name State DS		⁶ Well No # 1.	
⁹ Proposed Pool 1 SWD - Delaware		¹⁰ Proposed Pool 2	

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	34	23S	27E		1980	Southe	1980	East	Eddy

8 Proposed Bottom Hole Location If Different From Surface

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

Additional Well Information

¹¹ Work Type Code P	¹² Well Type Code S	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3171.3
¹⁶ Multiple N	¹⁷ Proposed Depth 5600	¹⁸ Formation Delaware	¹⁹ Contractor Joes Well Service	²⁰ Spud Date ASAP
Depth to Groundwater 67 ft		Distance from nearest fresh water well 1000 +		Distance from nearest surface water Greater than 1 mile
Pit: Liner: Synthetic <input type="checkbox"/> _____mils thick Clay <input type="checkbox"/> Pit Volume: _____bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

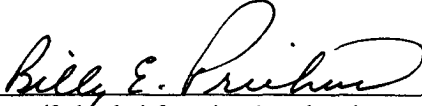
21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
20	16"	65#	496	600	In Place-Surface
14 3/4"	10 3/4"	40 5#	2280	2100	In Place-Surface
9 1/2"	7 5/8"	33 7# & 39#	9344	2000	In Place-Surface
6 1/2"	4 1/2"	13 5#	12702-8834	550	In Place-Circ

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

All well fluids will be circulated to steel pit. No earthen pits will be constructed.

Please see reentry procedure...

 Printed name: Billy E. Prichard		Work Only SWD Order Required B67	
²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input checked="" type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION	
Title: Agent		Approved by: BRYAN G. ARRAUT	
E-mail Address: shabillron01@warpdiveonline.com		Title: DISTRICT II GEOLOGIST	
Date:		Approval Date: MAY 08 2006 Expiration Date: MAY 08 2007	
Phone: 505-390-9100		Conditions of Approval Attached <input type="checkbox"/>	

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

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-24119		² Pool Code		³ Pool Name SWD; Delaware	
⁴ Property Code 96100		⁵ Property Name State DS			⁶ Well Number #1
⁷ OGRID No. 175260		⁸ Operator Name Nabors Well Service LTD			⁹ Elevation 3171.3

¹⁰ Surface Location

UL or lot no. J	Section 34	Township 23S	Range 27E	Lot Idn	Feet from the 1980	North/South line South	Feet from the 1980	East/West line East	County Eddy
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 40	¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.				

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

¹⁶					¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided 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. Billy E. Prichard 5/4/06 Signature Date Billy E. Prichard Agent for Judah Oil Company Printed Name	
					¹⁸ 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 supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor: See original survey dated 3/15/1982 Certificate Number	

Judah Oil Company
State DS gas Com # 1
API # 30-015-24119
1980 FSL X 1980 FEL
UL "J" Section 34,T23S,R27E
Eddy County, New Mexico

Well was spudded April 19,1982 by Amoco Production Company as a wildcat Morrow test.

16" J55 65# casing was set at 496ft and cemented with 600sacks of Class "C" with CaCl. Cement circulated to the surface.

10 3/4" K55 40.5# casing was set at 2280ft and cemented with 1900sacks of Lite cement followed by 200sacks of Class "C" cement with CaCl.

Cement circulated to the surface.

7 5/8" S95 33.7# & 39# casing was set at 9344ft and cemented with 1800sacks of Class H Lite cement followed by 200sacks Class "H".

Cement circulated to the surface

4 1/2"S95 13.5# liner was set at 12702ft, Top of liner at 8834ft, cemented with 550sack Class "H" cement. Cement circulated above liner top.

Morrow test 12544-12548ft and 12554-12563ft

Cast Iron Bridge Plug set at 12500ft

Morrow test 12204-12211ft and 12228-12237ft

Squeezed with 100sacks Class"H" cement

Morrow test 12132-12190ft

Cast Iron Bridge Plug set at 12000ft, capped with cement

Atoka test 11139-11194ft

Cast Iron Bridge Plug set at 11093ft, capped with 45sacks cement, PBTD 10468ft

Wolfcamp test 10040-10224ft

Cast Iron Bridge Plug set at 9100ft. capped with 35sacks cement, PBTD 8753ft

25sack cement plug at 2265ft

10sack cement plug at surface

Well plugged and abandoned 4/8/1983

C101 Application for permit to Drill, Re-enter, Deepen, Plugback, or Add a Zone
Judah Oil Company, Inc
State DS # 1
API # 30-015-24119
1980 FEL X 980 FSL
UL "J", Section 34, T23S, R27E
Eddy County, New Mexico

All well fluids will be circulated to steel pit
No Earthen pits will be constructed
5000 psi Double BOP with pipe and blind rams will be used
Well will be re-entered using fresh water as drilling fluid

Judah proposes to drill out plugs set in 1983 by Amoco Production Company in a wildcat Morrow test. Cement plug will be set at 5600-5700ft and test the Delaware from 2300ft to 5600ft for commercial salt water disposal. Find enclosed the drilling and plugging data for the State DS # 1

Application is being made to NMOCD engineering bureau for SWD permit