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 Road, 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

API Number 25-009

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 August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

Well Number

Elevation

3572

WELL.	LOCATION	AND ACRE	AGE DEDICA	ATTON PLAT	Г
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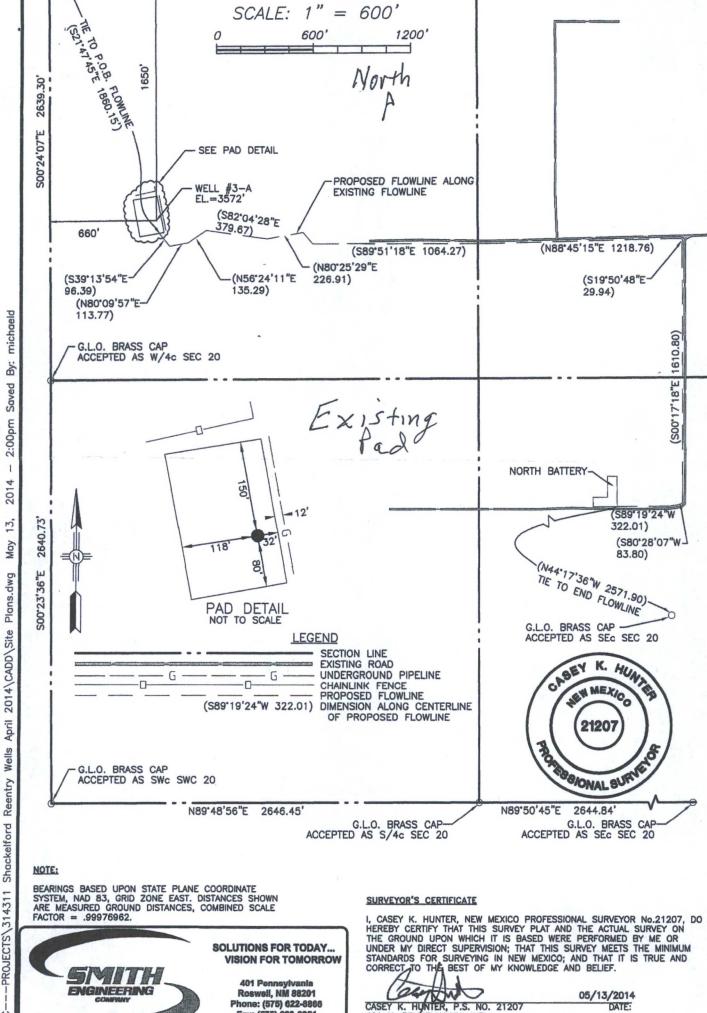
⁵ Property Name

⁸ Operator Name

Shackelford Oil Company

² Pool Code

					¹⁰ Surface L	ocation			
UL or lot no.	Section 20	Township 19S	Range 32E	Lot Idu	Feet from the	North/South line North	Feet from the 660	East/West line West	County
			ⁿ Bott	om 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	¹³ Joint o	r Infill 14 C	onsolidation Co	ode 15 Ord	er No.				
No allowable v	vill be ass	signed to th	is completion	on until all	interests have b	een consolidated o	r a non-standard	unit has been appr	oved by the
660'							I hereby certify the to the best of my k owns a working in the proposed botto location pursuant interest, or to a vo	TRATOR CERTIFIED TO THE INFORMATION CERTIFIED TO THE INFORMATION CONTINUED TO THE INFORMATION OF THE INFORMA	rein is true and complete his organization either rest in the land including to drill this well at this such a mineral or working
		*					I hereby certs plat was plot made by me of same is true	EYOR CERTIF ify that the well location ted from field notes of or under my supervision and correct to the best 29-14	n shown on this actual surveys n, and that the of my belief.
							Signature and S	(21	K. HUNTER



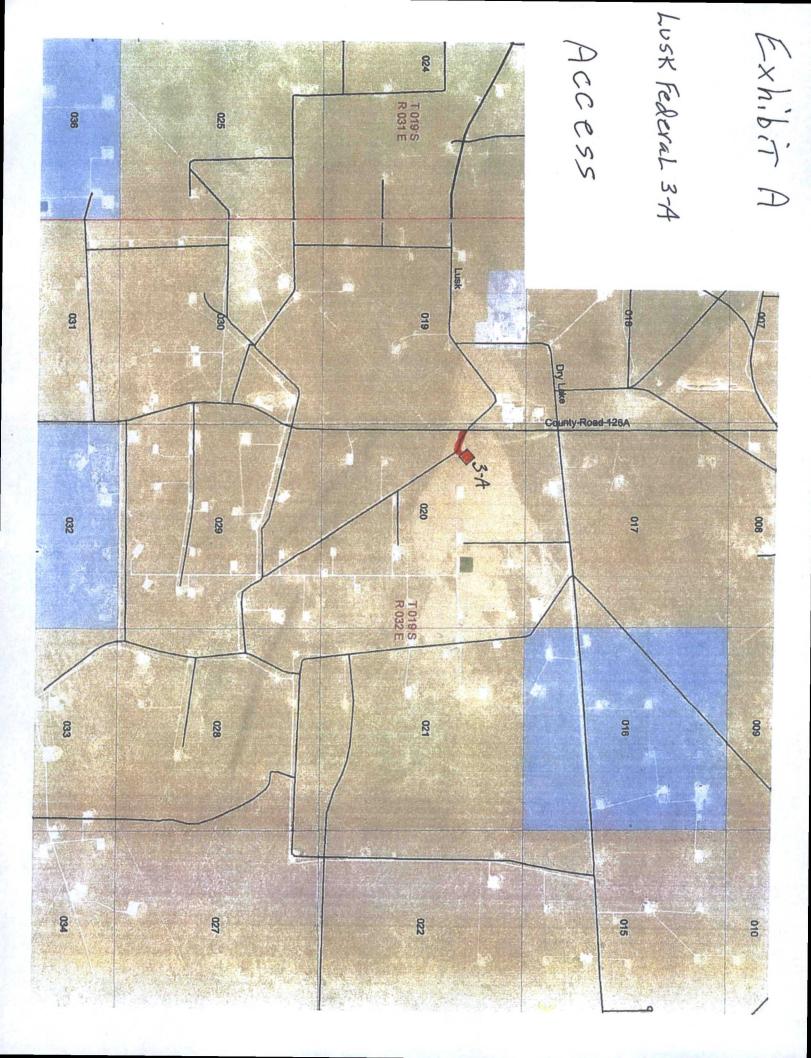
ACCEPTED AS NEC SEC 20

05/13/2014

ENGINEERING

Phone: (575) 622-8866 Fax: (575) 623-3951

401 N. PEMNSYLVANIA AVE. ROSWELL NEW MEXICO 88201



NES FEDERAL DJONES FEDERAL D JOJIES C FEDERAL #00 JONES FEDERAL C LUSK DEE JONES FEDERAL B RADAR 24 FEDERAL TANDAR NES D FEDERAL #001 HOT LIPS FEDERAL JONES B FEDERAL #003 0 = 1 mile JONES FEDERAL #003 SPICA 25 FEDERAL R 031 E PADAR 24 FEDERALOHIO JONES

THILLER LUSK DEEP UNIT A COM T 019 S IONES FEDERAL B DELHI FEDERAL #001 DELHI FED COM JONES G FED COMOFIIO JON LIGCY LUSK DEEP UNIT A LUSK DEEP UNIT A LUSK DEEP UNIT ALUSK DEEP UNIT ALUSK DEEP UNIT LYNCA FEDERALPLAINS STRAWN
PREFONGARD WELL TOOSLUSK DEEP UNIT A LUSK DEEP UNIT A LUSK WEST DELAWASE UNIT.

SOUTHLUSK DEEP UNIT A LUSK WEST DELAWASE UNIT. GECKO FEDERAL #008 JUNES FEDERAL E GECKO PEDERAL BECKO FEDERAL BOOM SL DEEP FEDERAL PONES **JONES FEDERAL #002** TUSK BEEF UNIT #008 LUSK DEE P UNITA LUSK DEEP UNITA IT A #016 LUSK DEEP UNI OLUSK DEEP UNIT A HSENECRAZY HORSE 18 007MACHELL FEDERAL#001 LUSK DEEP UNITLUSK DEEP UNIT HEDCRAZY HORSE 1 CRAZY HORSE 18 FEDE FEDERAL #00 ER FEDGULF GULF MILLER LUSK DEEP UNI 0 DEEP FE SL DEEP FEDERAL CO 18 FEDCRAZY HORSE 18 FEDLUSIONEEP UNIT PRE-ONGARD WE LUSK WEST DELAWARE UNIT #906 SOUTHERN CALIFORNIA FEDERAL COCYTUSK DEEP UNIT SOUTHERN CAL FEDERAL CALI MITCHELLED PRE-ONGARD IL #801PRE-0 NGARD WELL #001 LUSK DEEP U WBP FEDERAL # III LUSK LUSK WEST DELAWARE UNI ELLIGITA WELL #002 VEST DELAWARE UNIT #012LUSK WEST DELAWARE UNIT LUSK DEEP LINIT A FORNA PET FEDERAL #001 DEEP UNIT DEEP UNIT A #001 SK WEST DELAWARE LATAUSK WEST DELAWARE UNIT BOWMAN FEDERAL BGCY BOUTTERN CALIFORNIA SOUTHERN CALIFORNIA 29 FEDERAL DEEP-UNIT ALUSK DEEP UNIT A LUSK DEEP U KING AJR 8 FEDERAL COM WEP FEDERAL COMPUSA TRIGG B LUSK DEEP UNIT LUSK WEST DELAW LUSK WEST DELAWARE UNIT PRE-ONGARD WELL #9# PRE-ONGARD WELL #009 LUSK WEST DELAWARE UNIT LUSK DEEP UNIT A RE-DIVISARD WELL #002 STEALTH/FEDERAL CON LUSK WEST DELAWARE UNITPLAINS FEDERAL LUSH WEST DELAWARE OSTEALTH PEDERAL COM LUSK 16 STATE #003 LUSK WEST DEL MOBIL FEDERAL MOBIL FEDERAL E UNIT LUSK 16 STATE #002 LUSK 16 STATE #002 AWARE UNIT WEST DELAWARE UNIT LUSK 16 STATE #006 RE UNIT LUSK WEST DELAWARE UNIT APLAINS LUSK WEST DELAWARE UNIT #106
PLAINS #006 WARE UNELUSK WEST DELAWARE UNIT OBIL FEDERAL LUSK 16 STATE #001 FEBERAL YNCH BOWMAN FEDERAL WARE UNIT MOBIL FEDERAL PRE-ONGARD WELL #002 SOUTH LUSK 28 FEDERAL SOUTH LUSK 28 FEDERA TIN MAN FEDERAL COM PRE-ONGARD WELL#005 STATE DR #001 AMOCO 31 FEDERAL STATE DR #003SHEARN FED STATE DR #002 T019 S R032 E LUSK IRISTATE #804 OT PRE-ONGARD WELL #0 LIGCY SHEARN FEDER LGCY JENNINGS FEI LGCY JENNINGS FET GCY JENNINGS FEL TONTO FEDERAL #0 JENNINGS FED LUSK 22 FEDER GCY EAST LU JENNINGS FEL IONTO FEDER SLOAN FEDER JENNIN

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DIRTY DOZEN FEDERAL COM

POLEWSKI FEDERAL #002 POLEWSKI FED

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TRES ELO FEDERAL COMLGCY PRINCESS D FED

TRES FLO FEDERAL COM

TEXACO CITIES SERVICE STATE COM #001

032

MAGNUM PRONTO STATE COM #001

SOUTH LUSK 33 FEDERAL HH-33FEDERAL HH-33 LUSK 34 F.C.

SDUTHEAST LUSK 34 F

K34 FEDERAL 034

USIN 33 FEDERAL

LUSK 34 FEDER

HOLSTER'33 FEDERAL COM

PRE-ONG AND WELL #001Y SOUTHEAST LUI

WILD CAP STATE 1004H EDERAL USA J #005FEDERAL USA J PRE-ONGARD WELL #001 FORAN NE STATE #003 PLAINS DELAWARE

FEDERAL COM

POLENSKI FED

FEDERAL USA I MAGNUM PRONTO STATE #033 PLAINS DELAWARE

TRES BLO FEDERAL COM
NEW MEXICO CR STATE #001

SLEAST 30 FEDERAL COM OSLEAST FEDERAL COM

FEDERAL USA J #082

FEDERAL USA J #001 FEDERAL USA J LUSK WEST DELAWARE UNIT

PRE-ONGARD WELL #005SOUTHERN CALIFORNIA FEDERAL

LUSK WEST DELAWARE UNIT

028

LGCY PLAINS STRAWN

LIGCY PLAINS

/UNIT

027

SOUTH

EAST LUSK 27 FEDER

LGCY DWMAN FED SOUTH LUSK 28 FEDERAL LUSK 28 WEST FED COM

SOUTH LUSK 28 FEDERAD LUSK 28 WEST FED COM

FEDERAL USA J

WILD CAP STATE COM#002 POLEWSKI FEDPOLEWSKI FED

OREGULUS 26 FEDERAL

SPICA 25 FEDERAL

OREGULUS 26 FEDERAL

JONES B FEDERAL #00 FEDERAL 30 #001

ONSE FEDERAL BELLIOTT-BELLIOTT-B SHELL FED FEDERAL USA J FEDERAL USA J

LUSK WEST DELAWARE UNIT #911 LUSK WEST DELAWARE UNIT

EGCY S A BOWMAN

SPICA 25 FEDERAL

026

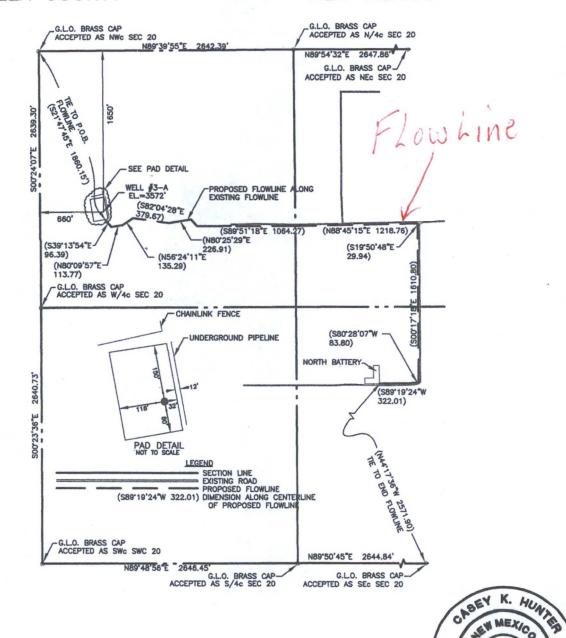
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#3-A Ex. E LUSK B

1650'FNL 660'FWL, SECTION 20-T19S-R32E, N.M.P.M.

LEA COUNTY =

NEW MEXICO



SCALE: 1" = 1000' 1000 2000

NOTE:

BEARINGS BASED UPON STATE PLANE COORDINATE SYSTEM, NAD 83, GRID ZONE EAST. DISTANCES SHOWN ARE MEASURED GROUND DISTANCES, COMBINED SCALE FACTOR = .99976962.



SOLUTIONS FOR TODAY... VISION FOR TOMORROW

> 401 Pennsylvania Roswell, NM 88201 Phone: (575) 622-8866 Fax: (575) 623-3951

> > TEXAS

SURVEYOR'S CERTIFICATE

I, CASEY K. HUNTER, NEW MEXICO PROFESSIONAL SURVEYOR No.21207, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CASEY K. HUNTER, P.S. NO. 21207 401 N. PENNSYLVANIA AVE. ROSWELL! NEW MEXICO 88201 DATE OF SURVEY: 04/29/2014

05/29/2014 DATE:

EN MEXICO

A SONAL SURVEYO

May 8.5x11.dwg Plans 2014\CADD\Site April Wells Reentry Shackelford -PROJECTS\314311

SEC

michaeld

By:

Saved

11:19am

1

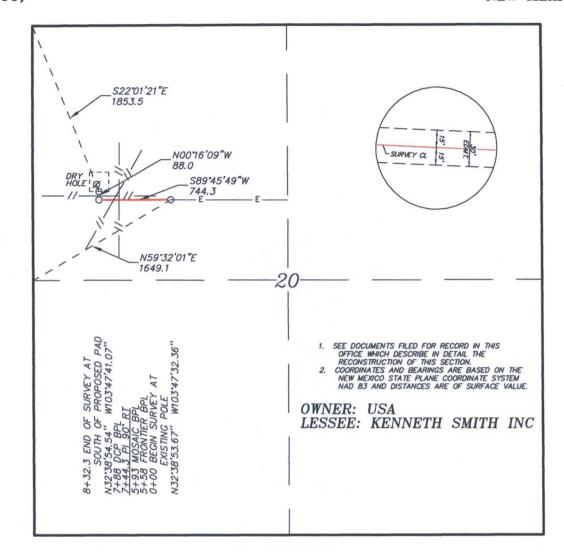
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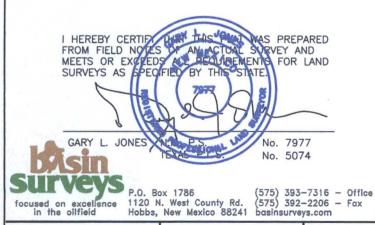
SECTION 20, TOWNSHIP 19 SOUTH, RANGE 32 EAST, N.M.P.M. LEA COUNTY, NEW MEXICO.



LEGAL DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTION 20, TOWNSHIP 19 SOUTH, RANGE 32 EAST N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.

832.3 FEET = 0.16 MILES = 50.44 RODS = 0.57 ACRES



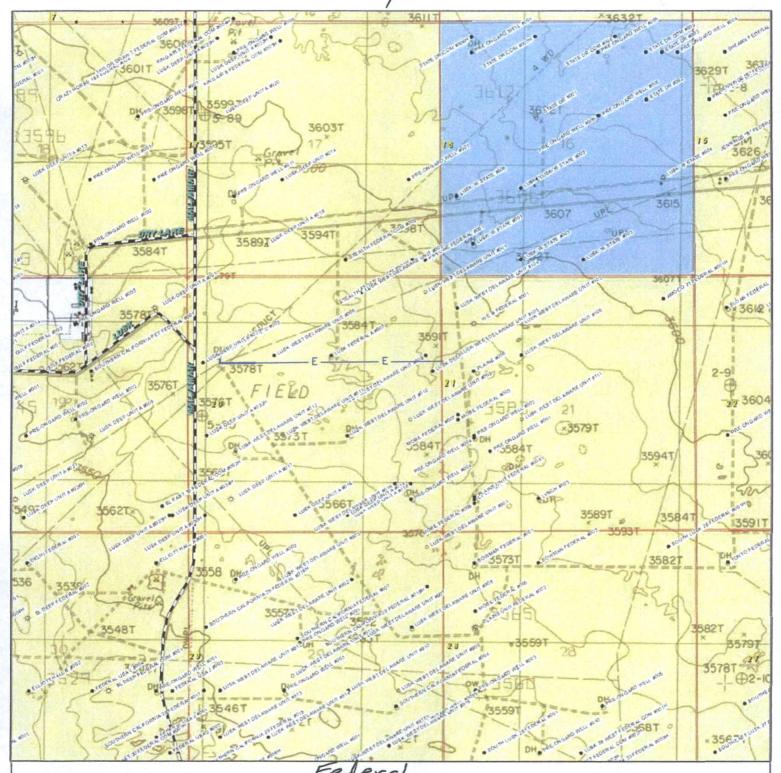
1000 0 1000 2000 FEET

SHACKELFORD OIL CO.

REF: PROPOSED LUSK DEEP UNIT #3A ELECTRIC LINE

AN ELECTRIC LINE LOCATED ON USA LAND IN
SECTION 20, TOWNSHIP 19 SOUTH, RANGE 32 EAST,
N.M.P.M., LEA COUNTY, NEW MEXICO.

W.O. Number: 32187 | Drawn By: J GOAD | Date: 2-17-2016 | Survey Date: 2-16-2016 | Sheet 1 of 1 Sheets



PROPOSED LUSK DEEP UNIT #3A ELECTRIC LINE
Section 20, Township 19 South, Range 32 East,
N.M.P.M., Lea County, New Mexico.



P.O. Box 1786 1120 N. West County Rd. Hobbs, New Mexico 88241 (575) 393-7316 - Office (575) 392-2206 - Fax basinsurveys.com

1	0' 1000' 2000' 3000' 4000'	
ı	SCALE: 1" = 2000'	
	W.O. Number: JG 32187	١
	Survey Date: 2-16-2016	0
	YELLOW TINT — USA LAND BLUE TINT — STATE LAND NATURAL COLOR — USA LAND	

SHACKELFORD OIL CO.



PROPOSED LUSK BEEP UNIT #3A ELECTRIC LINE Section 20, Township 19 South, Range 32 East, N.M.P.M., Lea County, New Mexico.

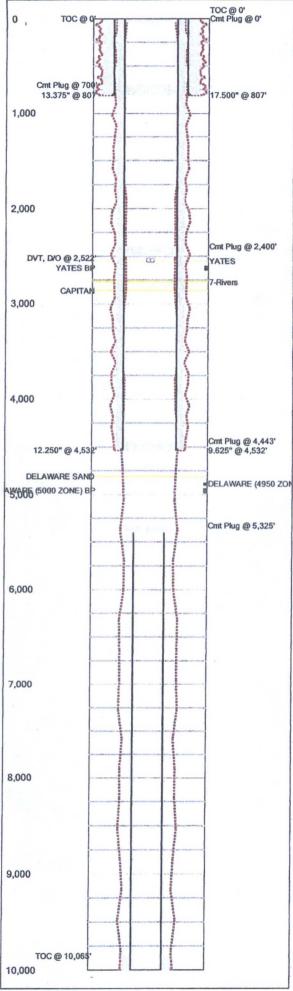


P.O. Box 1786 1120 N. West County Rd. Hobbs, New Mexico 88241 (575) 393-7316 - Office (575) 392-2206 - Fax basinsurveys.com

1	0' 1000' 2000' 3000' 4000'	
	SCALE: 1" = 2000'	
	W.O. Number: JG 32187	
	Survey Date: 2-16-2016	(
	YELLOW TINT — USA LAND BLUE TINT — STATE LAND NATURAL COLOR — USA LAND	ADDRESS AND ADDRES



SHACKELFORD OIL CO.



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Le	a				New	Mexic	00					30025	0091	30000
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	erator				1	II Stati	us		Lat	ituo	de		Long	itude
	ackelford					gged								
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Pro	op Num						Sp	ud I		7/22/1961			Comp. Date	
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		_	CIE		_	0.00	_	_	000	-	_	10.50	_	0

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)
	DVT, D/O	0.000	0.000	2,522	
	CIBP	0.000	0.000	10,500	-

Date	No. Sx	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	10	9.625	0	40	BASE OF PLUG EST.
	25	9.625	700	800	
	25	9.625	2,400	2,500	
	35	9.625	4,443	4,552	
	25	8.750	5,325	5,400	TOP OF PLUG EST.

С	Date	Perf. Status	Formation	OA Top (MD ft)	OA Bottom (MD ft)	Shots
N. P.		isolated	Morrow	11,310	12,390	

Formation	Top (TVD ft)	Comments
RUSTLER	746	
Tansill	2,361	
YATES	2,553	
7-Rivers	2,769	
CAPITAN	2,860	
DELAWARE SAND	4,815	