

DATE IN <u>10.28.11</u>	SUSPENSE	ENGINEER <u>DKB</u>	LOGGED IN <u>10.28.11</u>	TYPE <u>NSL</u>	APP NO. <u>1130153585</u>
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



Devon 6137

Arcturus Fed 18 #44

ADMINISTRATIVE APPLICATION CHECKLIST

30-015-38611

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE.

Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

6506

M-18-195-3/E

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication
 NSL NSP SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR

[D] Other: Specify _____

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

- [A] Working, Royalty or Overriding Royalty Interest Owners
- [B] Offset Operators, Leaseholders or Surface Owner
- [C] Application is One Which Requires Published Legal Notice
- [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] Waivers are Attached

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2011 OCT 27 A 7:49

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

James Bruce
 Print or Type Name

James Bruce
 Signature

Attorney
 Title

10/26/11
 Date

jamesbruc@aol.com
 e-mail Address

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)
(505) 660-6612 (Cell)
(505) 982-2151 (Fax)

jamesbruc@aol.com

October 26, 2011

David K. Brooks
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Dear Mr. Brooks:

Pursuant to Division Rule NMAC 19.15.15.13, Devon Energy Production Company, L.P. applies for approval of an unorthodox oil well location for the following well:

<u>Well:</u>	Arcturus 18 Federal Well No. 4H
<u>Surface location:</u>	1150 feet FSL & 340 feet FWL
<u>Penetration point:</u>	Same as surface location
<u>Bottom hole location:</u>	400 feet FSL & 330 feet FEL
<u>Well unit (project area):</u>	Lot 4, SE $\frac{1}{4}$ SW $\frac{1}{4}$, and S $\frac{1}{2}$ SE $\frac{1}{4}$ (the S $\frac{1}{2}$ S $\frac{1}{2}$) of Section 18, Township 19 South, Range 31 East, N.M.P.M., Eddy County, New Mexico

Applicant proposes to drill the well to test the Bone Spring formation (Northwest Hackberry-Bone Spring Pool). The pool is spaced on 40 acres, with wells to be located no closer than 330 feet to a quarter-quarter section line. A Form C-102 is attached as **Exhibit A**. A drilling plan is attached as **Exhibit B**.

The surface location is unorthodox because applicant is attempting to minimize surface use and reduce costs by using the same drilling pad for this well and the Arcturus 18 Federal Well No. 3H (with a N $\frac{1}{2}$ S $\frac{1}{2}$ of Section 18 well unit). In addition, the Bureau of Land Management requested that applicant place the well at this location to avoid potential cave/karst features at an orthodox location in Lot 4. **The producing interval will be at least 990 feet FSL.**

The well encroaches on the N $\frac{1}{2}$ SW $\frac{1}{4}$ of Section 18. However, the entire SW $\frac{1}{4}$ of Section 18 is covered by Federal Lease LC 069464-A, which has common ownership. **Exhibit C**. The well does not get nearer than 340 feet to offsetting Section 13, Township 19 South, Range 30 East,

N.M.P.M., covered by federal Lease NM 025559 (**Exhibit D**), so notice was not given to the west offsets (who also own interests in the subject well).

Please contact me if you need any further information on this application.

Very truly yours,

A handwritten signature in black ink that reads "James Bruce". The signature is written in a cursive style with a large, sweeping initial "J".

James Bruce

Attorney for Devon Energy Production Company, L.P.

District I
1625 N. French Dr., Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1090 Rio Brazos Rd., Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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 15, 2009
Submit one copy to appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-38611		² Pool Code	³ Pool Name
⁴ Property Code	⁵ Property Name ARCTURUS "18" FED.		⁶ Well Number 4H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.		⁹ Elevation 3410.4

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	18	19 S	31 E		1150	SOUTH	340	WEST	EDDY

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
P	18	19 S	31 E		400	SOUTH	330	EAST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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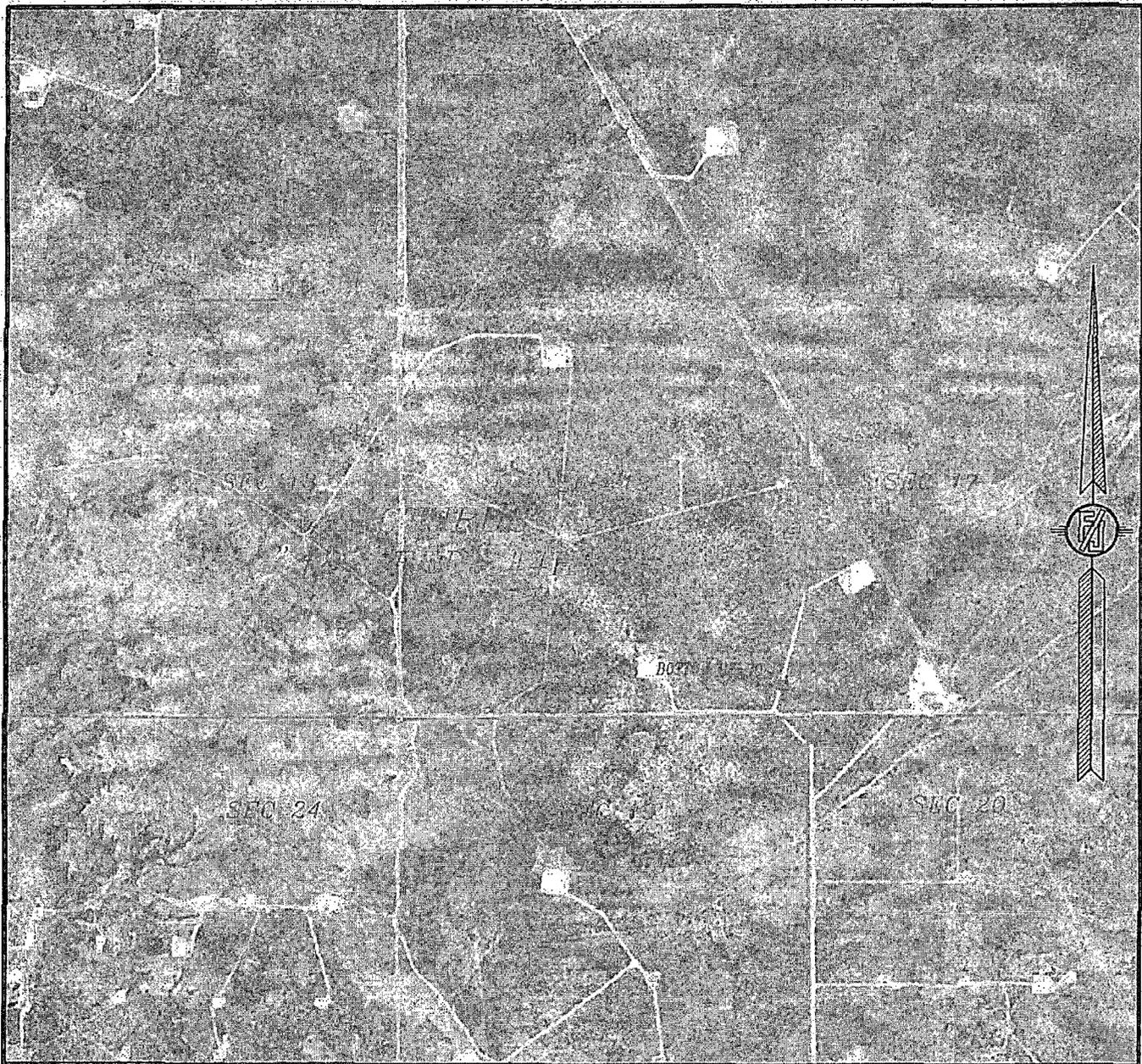
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>NW CORNER SEC. 18 LAT. = 32.667617°N LONG. = 103.916936°W NMSP EAST (FT) N = 606861.44 E = 669472.14</p>	<p>NE CORNER SEC. 18 LAT. = 32.667674°N LONG. = 103.900078°W NMSP EAST (FT) N = 606902.94 E = 674659.67</p>	<p>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 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.</p> <p>Signature _____ Date _____ Printed Name _____</p>
<p>ARCTURUS "18" FED. #4H ELEV. = 3410.4' LAT. = 32.656267°N (NAD83) LONG. = 103.915842°W NMSP EAST (FT) N = 669833.52 E = 669825.03</p> <p>SURFACE LOCATION 340'</p> <p>SW CORNER SEC. 18 LAT. = 32.653103°N LONG. = 103.918948°W NMSP EAST (FT) N = 601581.07 E = 669488.15</p>	<p>SE CORNER SEC. 18 LAT. = 32.653162°N LONG. = 103.900025°W NMSP EAST (FT) N = 601623.39 E = 674697.53</p> <p>BOTTOM OF HOLE LAT. = 32.654214°N LONG. = 103.901111°W NMSP EAST (FT) N = 602004.57 E = 674361.88</p> <p>BOTTOM OF HOLE 330' 400'</p>	

EXHIBIT **A**

SECTION 18, TOWNSHIP 19 SOUTH, RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

AERIAL PHOTO



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
USDA - AUG, 2009

DEVON ENERGY PRODUCTION COMPANY, L.P.
ARCTURUS "18" FED. #4H
LOCATED 1150 FT. FROM THE SOUTH LINE
AND 340 FT. FROM THE WEST LINE OF
SECTION 18, TOWNSHIP 19 SOUTH,
RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

AUGUST 11, 2011

SURVEY NO. 270B

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO
(575) 887-5930

DRILLING PROGRAM

Devon Energy Production Company, LP
Arcturus 18 Federal 4H

Surface Location: ^{1150'} 950' FSL & 340' FWL, Unit M, Sec 18 T19S R31E, Eddy, NM
 Bottom hole Location: 980' FSL & 1660' FEL, Unit O, Sec 18 T19S R31E, Eddy, NM

1. Geologic Name of Surface Formation

a. Permian

2. Estimated Tops of Geological Markers & Depths of Anticipated Fresh Water, Oil or Gas:

a. Rustler	425'	Barren
b. Salado	508'	Barren
c. Tansil Dolomite	1965'	Barren
d. Yates	2039'	Oil
e. Seven Rivers	2254'	Oil
f. Queen	3151'	Oil
g. San Andres	3974'	Oil
h. Delaware	4699'	Oil
i. Bone Springs	6394'	Oil
j. 1 st Bone Spring Ss	7786'	Oil
k. 2 nd Bone Spring Lime	8044'	Oil
l. 2 nd Bone Spring Ss	8554'	Oil
m. 2 nd Bone Spring Middle Ss	8714'	Oil
n. 2 nd Bone Spring Middle Ss Base	8789'	Oil
o. 3 rd Bone Spring Lime	9004'	Oil
p. Total Depth	TVD 8830' MD 11770'	

No other formations are expected to yield oil, gas or fresh water in measurable volumes. The surface fresh water sands will be protected by setting 13 3/8" casing at ~~475'~~ ^{400'} and circulating cement back to surface. The fresh water sands will be protected by setting 9 5/8" casing at 3100' and circulating cement to surface. The Delaware intervals will be isolated by setting 5 1/2" casing to total depth and circulating cement above the base of the 9 5/8" casing. All casing is new and API approved.

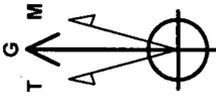
3. Casing Program: *see COA*

<u>Hole Size</u>	<u>Hole Interval</u>	<u>OD Csg</u>	<u>Casing Interval</u>	<u>Weight</u>	<u>Collar</u>	<u>Grade</u>
17 1/2"	0' - 475' ^{400'}	13 3/8"	0' - 475' ^{400'}	48#	STC	H-40
12 1/4"	425' - 3100'	9 5/8"	0' - 3100'	40#	LTC	J-55
8 3/4"	3100' - 8100'	5 1/2"	0' - 8100'	17#	LTC	P-110HC
8 3/4"	8100' - 11770'	5 1/2"	8100' - 11770'	17#	BTC	P-110HC



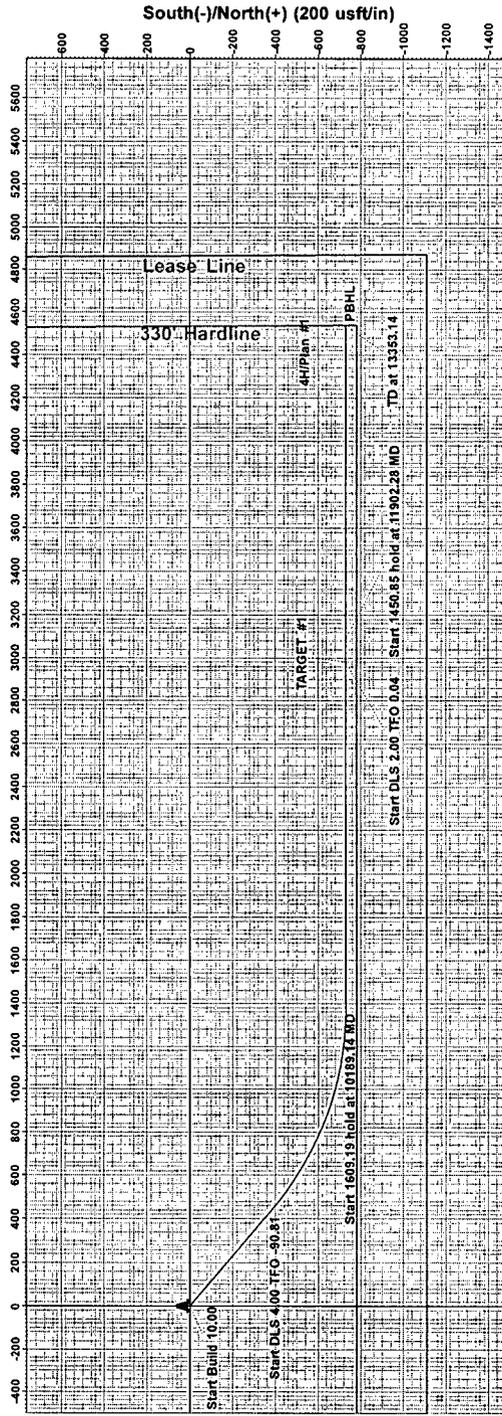
Project: Eddy County
 Site: Arcturus "18" Fed
 Well: 4H
 Wellbore: OH
 Plan: Plan #1 (4H/OH)

PROJECT DETAILS: Eddy County
 Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: New Mexico Eastern Zone
 System Datum: Mean Sea Level
 Local North: Grid



Azimuths to Grid North
 True North: -0.23°
 Magnetic North: 7.52°
 Magnetic Field
 Strength: 48857.8snT
 Dip Angle: 60.55°
 Date: 8/19/2011
 Model: IGRF200510

West(-)/East(+) (200 usft/in)



Sec	MD	Inc	Azi	TVD	+N/S	+E/W	Dleg	Iface	Vsect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	2282.04	0.00	0.00	2282.04	0.00	0.00	0.00	0.00	0.00	0.00
3	4670.00	0.00	131.00	4670.00	372.85	191.00	0.00	0.00	0.00	0.00
4	10189.95	89.46	90.00	8539.96	-728.95	1373.34	2.00	50.81	1471.31	TARGET #1
5	10189.14	89.46	90.00	8539.96	-728.95	1373.34	2.00	50.81	1471.31	TARGET #1
6	11798.33	89.46	90.00	8555.00	-729.00	2982.46	0.00	0.00	3060.35	TARGET #1
7	11902.28	91.54	90.00	8554.09	-729.00	3086.40	2.00	0.04	3162.98	TARGET #1
8	13353.14	91.54	90.00	8515.00	-729.09	4536.73	0.00	0.00	4594.94	PBHL

WELL DETAILS: 4H

Ground Elevation: 3410.40
 RKB Elevation: KB = 25 @ 3436.40usft (H&P 300)
 Rig Name: H&P 300

+N/S	+E/W	Northing	Easting	Latitude	Longitude	Sicf
0.00	0.00	602753.660	6689251.150	32° 39' 22.363 N	103° 54' 57.030 W	

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

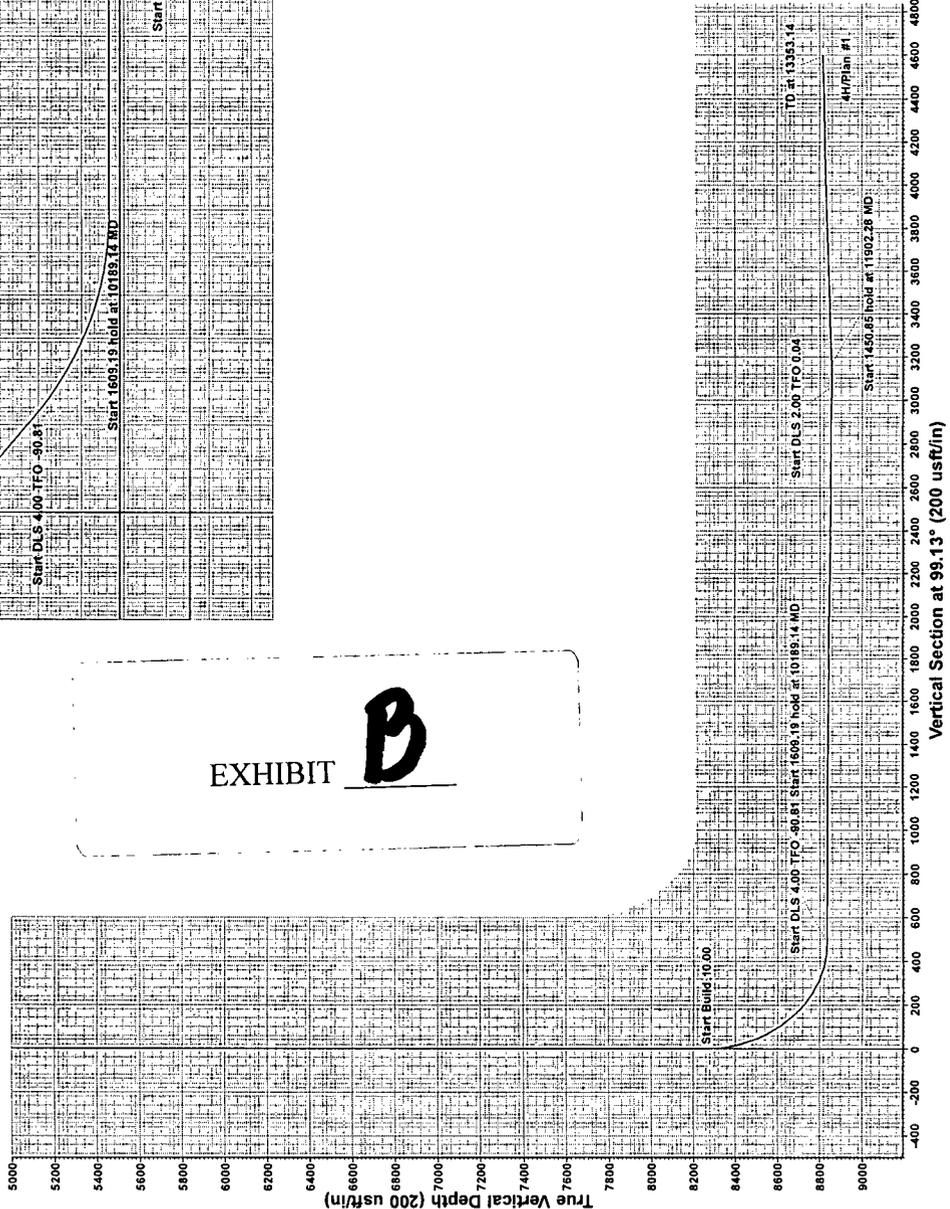
Name	TVD	+N/S	+E/W	Northing	Easting	Shape
PBHL	8515.00	-729.09	4536.73	602004.570	674581.800	Point
TARGET #1	8555.00	-729.00	2982.46	602004.660	672807.610	Point

Plan: Plan #1 (4H/OH)

Created By: Sam Bille Date: 14:11, August 25 2011

Checked: _____ Date: _____

EXHIBIT **B**



Vertical Section at 99.13° (200 usft/in)

**DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page**

Run Time: 11:00 AM

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Run Date: 10/02/2011

01 02-25-1920;041STAT0437;30USC226

Case Type 311111: O&G LSE NONCOMP PUB LAND
Commodity 459: OIL & GAS L

Total Acres
744.120

Serial Number
NMLC-- 0 069464A

Case Disposition: AUTHORIZED

Serial Number: NMLC-- 0 069464A

Name & Address			Int Rel	% Interest
ACTS INC	1304 W BROADWAY PL	HOBBS NM 88240	OPERATING RIGHTS	0.0000000
BANNON EXPL CO	3608 SCR 1184	MIDLAND TX 79706	OPERATING RIGHTS	0.0000000
BAUERDORF G F	9363 WILSHIRE BLVD	BEVERLY HILLS CA 90210	LESSEE	25.0000000
DEVON ENERGY PROD CO LP	20 N BROADWAY #1500	OKLAHOMA CITY OK 73102	OPERATING RIGHTS	0.0000000
DOMINION OK TX EXPL & PROD INC	14000 QUAIL SPGS PKY #500	OKLAHOMA CITY OK 73134	OPERATING RIGHTS	0.0000000
DRM PROPERTIES INC	4110 E 37TH ST	ODESSA TX 79762	OPERATING RIGHTS	0.0000000
ELLIOTT ROGER T	4105 BAYBROOK DR	MIDLAND TX 79707	OPERATING RIGHTS	0.0000000
HOLLYHOCK CORP	415 W WALL #1106	MIDLAND TX 79701	OPERATING RIGHTS	0.0000000
IRWIN DAN W	118 N GRANT ST	HINSDALE IL 60521	LESSEE	6.2500000
KHODY LAND & MINERALS CO	3817 NW EXPRESSWAY STE 950	OKLAHOMA CITY OK 731121488	OPERATING RIGHTS	0.0000000
SCHUSTER KATHLEEN IRWIN	3213 PEPPERWOOD LN	FORT COLLINS CO 80525	LESSEE	6.2500000
WALLFAM LTD	1811 HERITAGE BLVD STE 200	MIDLAND TX 797079715	LESSEE	12.5000000
WILSON TODD M	3608 S CTY RD #1184	MIDLAND TX 79701	OPERATING RIGHTS	0.0000000
WK LAND CO	911 KIMBARK ST	LONGMONT CO 80501	OPERATING RIGHTS	0.0000000
WK LAND CO	911 KIMBARK ST	LONGMONT CO 80501	LESSEE	50.0000000

Serial Number: NMLC-- 0 069464A

Mer Twp	Rng	Sec	STyp	SNr Suff	Subdivision	District/Field Office	County	Mgmt Agency
23 0190S	0310E	007	ALIQ		E2SW;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0190S	0310E	007	LOTS		3,4;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0190S	0310E	018	ALIQ		NE,E2W2,N2SE,SWSE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0190S	0310E	018	LOTS		1-4;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Relinquished/Withdrawn Lands

Serial Number: NMLC-- 0 069464A

23 0190S	0310E	707	FF		N2NE,SEGR;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0190S	0310E	718	FF		SESE,ASGN;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMLC-- 0 069464A

Act Date	Code	Action	Action Remark	Pending Office
06/30/1949	387	CASE ESTABLISHED		
07/01/1949	237	LEASE ISSUED		
07/01/1949	496	FUND CODE	05:145003	
07/01/1949	530	RLTY RATE - 12 1/2%		
07/01/1949	868	EFFECTIVE DATE		
08/26/1953	553	CASE CREATED BY ASGN	OUT OF NMLC069464;	
07/22/1954	235	EXTENDED	THRU 07/01/59;	
02/17/1959	140	ASGN FILED	SRN CA PETRO/ANDERSON	
03/01/1959	570	CASE SEGREGATED BY ASGN	INTO NMLC069464-C;	
03/11/1959	235	EXTENDED	THRU 02/28/61;	
02/09/1961	500	GEOGRAPHIC NAME	UNDEFINED FIELD;	
02/09/1961	510	KMA CLASSIFIED		
02/09/1961	643	PRODUCTION DETERMINATION		
02/09/1961	650	HELD BY PROD - ACTUAL		
02/09/1961	658	MEMO OF 1ST PROD-ACTUAL		
04/03/1961	102	NOTICE SENT-PROD STATUS		
05/17/1965	940	NAME CHANGE RECOGNIZED	SRN CA PETRO/SCOPE	
09/01/1968	500	GEOGRAPHIC NAME	F BENSON YATES FIELD;	
10/17/1968	512	KMA EXPANDED		
10/11/1972	140	ASGN FILED	CULBERTSON/BAUERDORF	

EXHIBIT C

NO WARRANTY IS MADE BY BLM FOR USE OF THE DATA FOR PURPOSES NOT INTENDED BY BLM

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BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page**

Run Time: 11:00 AM

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Run Date: 10/02/2011

10/26/1981	700	LEASE SEGREGATED	INTO NMNMS4112;
06/21/1983	940	NAME CHANGE RECOGNIZED	SCOPE IND/SCOPE ENE;
12/06/1983	512	KMA EXPANDED	
10/21/1986	932	TRF OPER RGTS FILED	
02/02/1987	933	TRF OPER RGTS APPROVED	EFF 11/01/86;
02/11/1987	963	CASE MICROFILMED	CNUM 103,279 DS
03/01/1991	396	TRF OF INTEREST FILED	CULBERTSON EST/TRST
04/13/1992	643	PRODUCTION DETERMINATION	
10/01/1992	621	RLTY RED-STRIPPER WELL	1.3%;/1/
01/11/1993	625	RLTY REDUCTION APPV	/1/
05/10/1993	932	TRF OPER RGTS FILED	BAUERDORF/C & W
05/10/1993	932	TRF OPER RGTS FILED	IRWIN/COLLINS & WARE
05/10/1993	932	TRF OPER RGTS FILED	SCOPE/COLLINS & WARE
05/10/1993	932	TRF OPER RGTS FILED	WALLACE/COLLINS&WARE
05/12/1993	909	BOND ACCEPTED	EFF 05/03/93;NM2177
08/23/1993	933	TRF OPER RGTS APPROVED	(1)EFF 06/01/93;
08/23/1993	933	TRF OPER RGTS APPROVED	(2)EFF 06/01/93;
08/23/1993	933	TRF OPER RGTS APPROVED	(3)EFF 06/01/93;
08/23/1993	933	TRF OPER RGTS APPROVED	(4)EFF 06/01/93;
12/30/1994	932	TRF OPER RGTS FILED	C&W P LP/DREYFUS
03/22/1995	933	TRF OPER RGTS APPROVED	EFF 01/01/95;
03/22/1995	974	AUTOMATED RECORD VERIF	MV/MV
07/25/1996	932	TRF OPER RGTS FILED	DREYFUS/SANTA FE ENE
10/03/1996	933	TRF OPER RGTS APPROVED	EFF 08/01/96;
10/03/1996	974	AUTOMATED RECORD VERIF	JLV
11/06/1996	932	TRF OPER RGTS FILED	T WILSON/SF ENERGY
12/18/1996	933	TRF OPER RGTS APPROVED	EFF 12/01/96;
12/18/1996	974	AUTOMATED RECORD VERIF	JLV
06/01/1997	246	LEASE COMMITTED TO CA	NMNM94536;
07/02/1997	575	APD FILED	
07/30/1997	576	APD APPROVED	#1 HACKBERRY "18" FED
11/25/1997	932	TRF OPER RGTS FILED	CARTWRIGHT/L DREYFUS
12/11/1997	933	TRF OPER RGTS APPROVED	EFF 12/01/97;
12/15/1997	974	AUTOMATED RECORD VERIF	ANN
04/03/1998	932	TRF OPER RGTS FILED	L DREYFUS/SF ENE RES
04/22/1998	933	TRF OPER RGTS APPROVED	EFF 05/01/98;
04/22/1998	974	AUTOMATED RECORD VERIF	JLV
07/01/1999	940	NAME CHANGE RECOGNIZED	SF ENE RES/SF SNYDER
07/01/1999	974	AUTOMATED RECORD VERIF	JLV
10/11/2000	940	NAME CHANGE RECOGNIZED	SANTA FE/DEVON SFS
10/11/2000	974	AUTOMATED RECORD VERIF	AT
12/12/2001	817	MERGER RECOGNIZED	L DREYFUS/DOMINION
01/07/2002	396	TRF OF INTEREST FILED	IRWIN EST/K SCHUSTER
01/07/2002	396	TRF OF INTEREST FILED	W IRWIN EST/DAN IRWIN
01/07/2002	974	AUTOMATED RECORD VERIF	BTM
07/01/2002	246	LEASE COMMITTED TO CA	NMNM107709;
07/01/2002	660	MEMO OF 1ST PROD-ALLOC	/2/
12/12/2002	817	MERGER RECOGNIZED	DEVONSFS/DEVONENEPD
12/16/2002	643	PRODUCTION DETERMINATION	/2/ NMNM107709
01/18/2005	933	TRF OPER RGTS APPROVED	EFF 01/01/06;
03/28/2005	932	TRF OPER RGTS FILED	SCOPE IND/WEBB RODN;1
03/31/2005	522	CA TERMINATED	NMNM94536;
05/11/2005	522	CA TERMINATED	NMNM107709;
05/17/2005	933	TRF OPER RGTS APPROVED	EFF 04/01/05;
05/17/2005	974	AUTOMATED RECORD VERIF	LR

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CASE RECORDATION
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Run Time: 11:00 AM

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Run Date: 10/02/2011

12/16/2005	932	TRF OPER RGTS FILED	WEBB OIL/ACTS;1
01/18/2006	974	AUTOMATED RECORD VERIF	ANN
05/01/2006	899	TRF OF ORR FILED	1
01/04/2007	932	TRF OPER RGTS FILED	DOMINION/LOBOS ENE;1
02/28/2007	933	TRF OPER RGTS APPROVED	EFF 02/01/07;
02/28/2007	974	AUTOMATED RECORD VERIF	ANN
09/10/2007	932	TRF OPER RGTS FILED	B CARTWRI/DRM PROPE;1
10/24/2007	933	TRF OPER RGTS APPROVED	EFF 10/01/07;
10/24/2007	974	AUTOMATED RECORD VERIF	ANN
01/28/2008	626	RLTY REDUCTION DENIED	/3/
03/07/2008	974	AUTOMATED RECORD VERIF	LR
09/29/2008	140	ASGN FILED	SCOPE INDU/W K LAND;1
09/29/2008	932	TRF OPER RGTS FILED	SCOPE INDU/W K LAND;1
02/01/2010	817	MERGER RECOGNIZED	LOBOS ENE/KHODY LAND
06/18/2010	104	ADDTL INFO RQSTD	09/29/08 RT ASGN;
06/18/2010	104	ADDTL INFO RQSTD	2 09/29/08 OR
06/18/2010	974	AUTOMATED RECORD VERIF	MV
07/20/2010	269	ASGN DENIED	09/29/08 OR;
07/20/2010	269	ASGN DENIED	09/29/08 RT;
07/20/2010	974	AUTOMATED RECORD VERIF	MV
08/26/2010	140	ASGN FILED	SCOPE INDU/W K LAND;1
10/21/2010	140	ASGN FILED	CULBERTSON/WALLFAM;1
11/10/2010	269	ASGN DENIED	SCOPE/WK LAND CO;
11/10/2010	974	AUTOMATED RECORD VERIF	BTM
12/22/2010	139	ASGN APPROVED	EFF 11/01/2010;
12/22/2010	974	AUTOMATED RECORD VERIF	MJD
04/08/2011	140	ASGN FILED	SCOPE INDU/W/K LAND;1
04/08/2011	932	TRF OPER RGTS FILED	SCOPE INDU/W/K LAND;1
08/31/2011	139	ASGN APPROVED	EFF 08/01/11;
08/31/2011	933	TRF OPER RGTS APPROVED	EFF 08/01/11;
08/31/2011	974	AUTOMATED RECORD VERIF	BTM

Serial Number: NMLC-- 0 069464A

Line Nr	Remarks	
0002	NMM54112 IS EXTENDED FOR AS LONG AS NMLC069464A	
0003	EXISTS.	
0004	CURRENT RECORD TITLE HOLDERS	
0005	T. 19 S., R 31 E:	
0006	SEC 18; LOTS 1,2,3,4, NE,E2W2,W2SE,NESE	
0007	W/K LAND COMPANY	50.00
0008	CULBERTSON MGMT TRST	25.00
0009	DAN W IRWIN	12.50
0010	KATHLEEN IRWIN SCHUSTER	12.50
0011	T. 19 S., R 31 E:	
0012	SEC. 7: LOTS 3, 4, E2SW	
0013	W/K LAND COMPANY	50.00
0014	CULBERSTON MGMT TRST	12.50
0015	DAN W IRWIN	6.25
0016	KATHLEEN IRWIN SCHUSTER	6.25
0017	GEORGE F BAUERDORF	25.00
0018	12/11/1997 - BONDED OPERATOR	
0019	FI-RO CORP - NM2177 - SW	
0020	BONDED TRANSFEREE - PER ABSS	
0021	05/17/2005 - RODNEY D WEBB - NMB000274 - S/W;	

NO WARRANTY IS MADE BY BLM FOR USE OF THE DATA FOR PURPOSES NOT INTENDED BY BLM

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page

Run Time: 11:00 AM

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Run Date: 10/02/2011

0022	01/18/2006 - BONDED LESSEE
0023	G F BAUERDORF - NM1049 - INDIVIDUAL LEASE BOND
0024	OPERATOR BONDED - 10/24/2007
0025	DEVON ENERGY CO LP - WY3322 - N/W;
0026	OPERATOR BONDED T.R.CONE SW NM0404-NM2196 12/22/10

**DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page**

Run Time: 11:58 AM

Page 1 of 1

Run Date: 10/26/2011

01 02-25-1920;041STAT0437;30USC226

Total Acres

Serial Number

Case Type 311111: O&G LSE NONCOMP PUB LAND

640.000

NMNM-- 0 025559

Commodity 459: OIL & GAS L

Case Disposition: AUTHORIZED

Serial Number: NMNM-- 0 025559

Name & Address			Int Rel	% Interest
IRWIN DAN W	118 N GRANT ST	HINSDALE IL 60521	LESSEE	12.5000000
SCHUSTER KATHLEEN IRWIN	3213 PEPPERWOOD LN	FORT COLLINS CO 80525	LESSEE	12.5000000
WALLFAM LTD	1811 HERITAGE BLVD STE 200	MIDLAND TX 797079715	LESSEE	25.0000000
WK LAND CO	911 KIMBARK ST	LONGMONT CO 80501	OPERATING RIGHTS	0.0000000
WK LAND CO	911 KIMBARK ST	LONGMONT CO 80501	LESSEE	50.0000000

Serial Number: NMNM-- 0 025559

Mer Twp Rng Sec	STyp	SNr Suff	Subdivision	District/Field Office	County	Mgmt Agency
23 0190S 0300E 013	ALIQ		ALL;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMNM-- 0 025559

Act Date	Code	Action	Action Remark	Pending Office
08/13/1956	124	APLN RECD		
08/31/1956	237	LEASE ISSUED		
09/01/1956	496	FUND CODE	05;145003	
09/01/1956	530	RLTY RATE - 12 1/2%		
09/01/1956	868	EFFECTIVE DATE		DMG
07/06/1960	500	GEOGRAPHIC NAME	UNNAMED FIELD;	
07/06/1960	510	KMA CLASSIFIED		
08/18/1960	315	RENTAL RATE DET/ADJ	\$1.00;	
12/23/1960	512	KMA EXPANDED		
12/23/1960	650	HELD BY PROD - ACTUAL		BP
08/29/1987	974	AUTOMATED RECORD VERIF		MRR
08/16/1988	963	CASE MICROFILMED	CNUM 103,212	
03/01/1991	396	TRF OF INTEREST FILED	CLBRTSN/CLBRTSN TRUST	
03/01/1991	974	AUTOMATED RECORD VERIF		GLC/GC
05/23/1994	909	BOND ACCEPTED	EFF 05/06/94;NM2304	
06/28/1994	974	AUTOMATED RECORD VERIF		BTM/KRP
01/07/2002	396	TRF OF INTEREST FILED	IRWIN EST/K SCHUSTER	
01/07/2002	396	TRF OF INTEREST FILED	W IRWIN EST/DAN IRWIN	
01/07/2002	974	AUTOMATED RECORD VERIF	BTM	
09/29/2008	140	ASGN FILED	SCOPE INDU/W K LAND;1	
09/29/2008	932	TRF OPER RGTS FILED	SCOPE INDU/W K LAND;1	
11/07/2008	139	ASGN APPROVED	EFF 10/01/08;	
11/07/2008	933	TRF OPER RGTS APPROVED	EFF 10/01/08;	
11/07/2008	974	AUTOMATED RECORD VERIF	MV	
10/21/2010	140	ASGN FILED	CULBERTSON/WALLFAM;1	
12/22/2010	139	ASGN APPROVED	EFF 11/01/2010;	
12/22/2010	974	AUTOMATED RECORD VERIF	MJD	

EXHIBIT D

Serial Number: NMNM-- 0 025559

Line Nr	Remarks
0001	-
0002	11/07/08 CULBERTSON MGMT TR BONDED LESSEE NM2900/SW
0003	OPERTOR CONE, TOM R BONDED SW NM0404-NM2196 12/22/10

NO WARRANTY IS MADE BY BLM FOR USE OF THE DATA FOR PURPOSES NOT INTENDED BY BLM