

District I - (575) 393 6161  
1625 N French Dr Hobbs NM 88240  
District II - (575) 748 1283  
811 S First St Artesia NM 88210  
District III - (505) 334 6178  
1000 Rio Brazos Rd Aztec NM 87410  
District IV - (505) 476 3477  
1220 S St Francis Dr Santa Fe NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
1220 South St Francis Dr  
Santa Fe, NM 87505

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE APPLICATION FOR PERMIT (FORM C 101) FOR SUCH PROPOSALS)		WELL API NO 30 059-20488
1 Type of Well Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other CO2 <input checked="" type="checkbox"/>		5 Indicate Type of Lease State Minerals (Fee Surface)
2 Name of Operator Kodiak Petroleum (Montana) Inc		6 State Oil & Gas Lease No Expired
3 Address of Operator Cannot be Located Well Declared Orphaned by Order R-14049 in Case 15323		7 Lease Name or Unit Agreement Name Sofia
4 Well Location Unit Letter C 282 feet from the North line and 1682 feet from the West line Section 20 Township 26 North Range 30 East NMPM Union County		8 Well Number 4
11 Elevation (Show whether DR RKB RT GR etc ) 6200 GL		9 OGRID Number 257794
		10 Pool name or Wildcat Wildcat CO2 - Never Hooked Up

12 Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO		SUBSEQUENT REPORT OF	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED LOOP SYSTEM <input type="checkbox"/>			
OTHER <input type="checkbox"/>		OTHER <input type="checkbox"/>	

13 Describe proposed or completed operations (Clearly state all pertinent details, and give pertinent dates including estimated date of starting any proposed work) SEE RULE 19 15 7 14 NMAC For Multiple Completions Attach wellbore diagram of proposed completion or recompletion

Estimated Start Date June 15, 2017

Plug and Abandon

Plugs to cover Yeso Glorieta, and Santa Rosa Perforations 7-inch casing shoe, and surface plug  
See Attached Procedure and Diagrams

I hereby certify that the information above is true and complete to the best of my knowledge and belief

SIGNATURE William V Jones TITLE Supervisor District IV DATE 6/5/2017

Type or print name William V Jones E-mail address williamv.jones@state.nm.us PHONE 505 419 1995 Work Cell  
**For State Use Only**

APPROVED BY WV Jones TITLE Supervisor District IV DATE 6/5/2017  
Conditions of Approval (if any) See Attached Procedure

**A-Plus Well Service, Inc**

**PLUG & ABANDONMENT PROCEDURE**

March 18, 2017

**Sofia #4**

Wildcat

282' FNL and 1682' FWL, Section 20, T-26-N, R-30-E

Union County, New Mexico, API 30 059-20488

Lat 36 480095 / Long -103 769577

Note All cement volumes use 100% excess outside pipe and 50' excess inside The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield

- 1 This project will use a closed loop steel pit for waste fluids circulated from the well and cement wash up
- 2 Comply with all NMOCD safety regulations MOL and RU daylight pulling unit Conduct safety meeting for all personnel on location Record casing, tubing and bradenhead pressures NU relief line and blow down well Kill well with water as necessary ND wellhead and NU BOP Function test BOP
- 3 Prepare a 2 3/4" tubing workstring and round trip a string mill to 1740' TIH and set 4 5" cement retainer at 1722' Pressure test tubing to 1000 PSI Attempt to load the casing with water and circulate the well clean, note the two sets of open perforations may cause plug #1 to be unbalanced
- 4 **Plug #1 (Yeso and Glorietta perforations and San Andres top, 1970' to 1449')** Mix and pump 60 sxs Class B cement, squeeze 35 sxs under the CR and leave 25 sxs above to fill the perforations and cover formation tops PUH and WOC Tag TOC and reset plug #1 if necessary TOH
- 5 **Plug #2 (Santa Rosa perforations and top, 1245' to 900')** TIH and set 4 5" cement retainer at 1030' Load the 4 5" with water and circulate the well clean Pressure test the casing to 800 PSI *If casing does not test, then spot or tag subsequent plugs as appropriate* Mix and pump 42 sxs Class B cement, squeeze 32 sxs under the CR and leave 10 sxs above to isolate the perforations PUH
- 6 **Plug #3 (7" Surface casing shoe, Chinle and Exeter tops, 592' to 432')** Mix 16 sxs Class B cement and spot a balanced plug inside the casing to cover the casing shoe and tops PUH to 100'
- 7 **Plug #4 (Surface plug, 100' to Surface)** Attempt to pressure test the bradenhead annulus to 300 PSI, note the volume to load If the BH annulus holds pressure, then establish circulation out casing valve with water Mix approximately 10 sxs cement and spot a balanced plug from 100' to surface, circulate good cement out casing valve LD tubing If BH does not test, then ND BOP and cut off WH RIH with tremie pipe into annulus to 100' or as deep as possible Mix 10 sxs to fill the BH annulus from 100' to surface POH with tremie pipe
- 8 ND BOP and cut off wellhead below surface casing flange Install P&A marker with cement to comply with regulations Record GPS coordinate for P&A marker on tower report Photograph P&A marker in place Cut off anchors and clean up location Restore location per BLM stipulations

*SURFACE  
OWNER*

**SOFIA #4**  
**Current Well**  
**Wildcat**

282 FNL & 1682 FWL, Section 20, T-26-N, R-30-E, Union County, NM

Lat 36 480095 / Long -103 769577 / API #30-059-20488

Spud 3/19/2008

Today's Date 3/18/17

Elevation 6200 GR

Completed 05/05/2008

Dakota Sandstone @ 52

Morrison @ 190

Exeter Sandstone @ 482

Chinle @ 542

Santa Rosa Sandstone @ 1140

San Andres @ 1499

Glorietta Sandstone @ 1633

Yeso @ 1742

Top Pump down into BH annulus, 100 sxs,  
2008 CBL starts at 100 , bond down to 745

7 20#, J 55 Casing set @ 681  
Cement with 137 sxs  
(Circulated to Surface 15 BBLS)

BOC @ 745 (CBL 2008)

TOC @ 1030 (CBL 2008)

Santa Rosa Perforations  
1048 1260 (From C 105)  
1063 1245' (From C 103)

Glorietta Perforations  
1600 – 1704

Yeso Perforations  
1740 – 1970

4 5" 10 5# J 55 Casing set @ 2155  
Cement with 152 sxs

10' hole

6' hole

MD 2155  
PBD 2116

# SOFIA #4

## Proposed P&A

### Wildcat

282 FNL & 1682 FWL, Section 20, T-65-N, R-30-E, Union County, NM  
 Lat 36 480095 / Long -103 769577 / API #30-059-20488

Spud 3/19/2008  
 Today's Date 3/14/17  
 Elevation 6200 GR  
 Completed 05/05/2008

Dakota Sandstone @ 52

Morrison @ 190

Exeter Sandstone @ 482

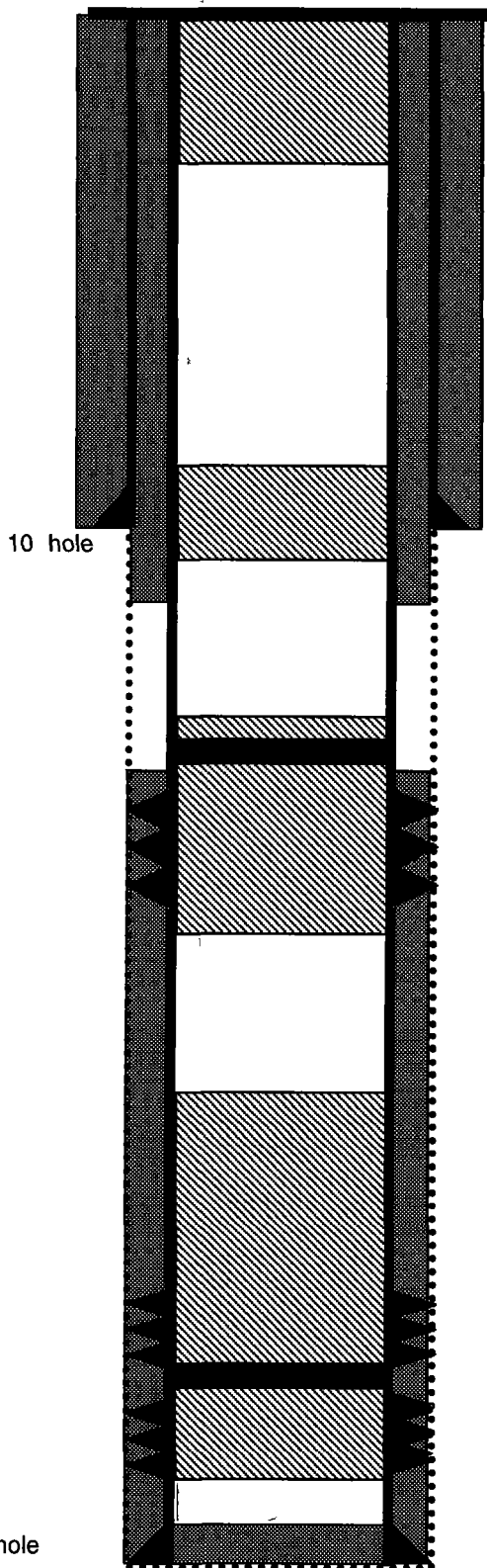
Chinle @ 542

Santa Rosa Sandstone @ 1140

San Andres @ 1499

Glorietta Sandstone @ 1633

Yeso @ 1742



Top Pump down into BH annulus, 100 sxs,  
 2008 CBL starts at 100 , bond down to 745

**Plug #4 100 - Surface**  
 Class B cement 10 sxs

**Plug #3 592 - 432**  
 Class B Cement, 16 sxs

7 20# J 55 Casing set @ 681  
 Cement with 137 sxs  
 (Circulated to Surface 15 BBLS)

BOC @ 745 (CBL 2008)

**Plug #2 1245' - 900**  
 Class B Cement 42 sxs  
**Set 4 5 CR @ 1030** 32 sxs under CR and  
 10 sxs above

TOC @ 1030 (CBL 2008)

Santa Rosa Perforations  
 1048 - 1260' (From C 105)  
 1063 - 1245 (From C 103)

**Plug #1 1970 - 1449**  
 Class B Cement 60 sxs  
 35 sxs under CR and  
 25 above

Glorietta Perforations  
 1600 - 1704

**Set 4 5 CR @ 1722**

Yeso Perforations  
 1740 - 1970

4 5 10 5# J 55 Casing set @ 2155  
 Cement with 152 sxs

MD 2155  
 PBTD 2116

Wells Operators Operator Data OCD Review OCD Only Administration

## OCD Permitting

Home Land Searches Land Details

### Section 20-26N-30E

Type Normal

Total Acres 640

County Union (59)

SOFIA #4

30-059-20488

D (D) Fee <sup>1</sup> State <sup>2</sup> (59) 40	C (C) Fee <sup>1</sup> State <sup>2</sup> (59) 40	B (B) Fee <sup>1</sup> State <sup>2</sup> (59) 40	A (A) Fee <sup>1</sup> State <sup>2</sup> (59) 40
E (E) Fee <sup>1</sup> State <sup>2</sup> (59) 40	F (F) Fee <sup>1</sup> State <sup>2</sup> (59) 40	G (G) Fee <sup>1</sup> State <sup>2</sup> (59) 40	H (H) Fee <sup>1</sup> State <sup>2</sup> (59) 40
L (L) Fee <sup>1</sup> State <sup>2</sup> (59) 40	K (K) Fee <sup>1</sup> State <sup>2</sup> (59) 40	J (J) Fee <sup>1</sup> State <sup>2</sup> (59) 40	I (I) Fee <sup>1</sup> State <sup>2</sup> (59) 40
M (M) Fee <sup>1</sup> State <sup>2</sup> (59) 40	N (N) Fee <sup>1</sup> State <sup>2</sup> (59) 40	O (O) Fee <sup>1</sup> State <sup>2</sup> (59) 40	P (P) Fee <sup>1</sup> State <sup>2</sup> (59) 40

Note<sup>1</sup> = Surface Owner Rights

Note<sup>2</sup> = Sub-Surface Mineral Rights

#### Land Restrictions

No land restrictions found for this section

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