

Office

District I

1625 N French Dr, Hobbs, NM 88240

District II

1301 W Grand Ave, Artesia, NM 88210

District III

1000 Rio Brazos Rd, Aztec, NM 87410

District IV

1220 S St Francis Dr, Santa Fe, NM
87505

HOBBSON CONSERVATION DIVISION

1220 South St. Francis Dr.

DEC 07 2011 Santa Fe, NM 87505

WELL API NO.

30-01538977

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

LG-5665-0001

7. Lease Name or Unit Agreement Name

APACHE STATE SWD

8. Well Number 001

9. OGRID Number

873

10. Pool name or Wildcat

SWD;WOLFCAMP-CISCO

SUNDRY NOTICES AND REPORTS ON WELLS

(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)

1. Type of Well: ☒ Well ☐ Gas Well ☐ Other

2. Name of Operator

APACHE CORPORATION

3. Address of Operator

303 VETERANS AIRPARK LANE, STE 3000; MIDLAND, TX 79705

4. Well Location

Unit Letter B : 660 feet from the N line and 1980 feet from the E line

Section 36 Township 17S Range 30E NMPM County EDDY

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3625 GR

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐

OTHER: ☐OTHER: NEW COMPLETION - TA'D WELL - PAGE 1 OF 2 ☒

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

9-27-11: DO DV TOOL @ 6975'. RIH TO PBTD @ 9657' CIRC CLEAN.

9-28-11: RIH PERFORATE CISCO W/ 1 JSPF 9200'-9349', 9365'-9402', 9486'-9604'. ✓

10-3-11: FIRST STAGE CISCO ACID FRAC: START WTR, ESTAB RATE PMPD 61 BW @ 9.0 BPM @ 3850#. ACIDIZE CISCO PERFS : PMPD 15,000 GAL'S 15 %, PMPD 100 BBLS OVER FLUSH, PMPD 1000 GAL SPOT ACID, PMPD 13,776 GAL FLUSH @ 41.4 BPM - 4568# W/ FRAC GRADIENT OF .86 (psi/FT). 1ST STAGE CISCO ACID FRAC: STRT WTR. ESTAB RATE, PMPD 61 BW STRT ON ACID ACIDIZE CISCO PERFS PMPD 15,000 GAL'S 15 %, PMPD 100 BBLS OVER FLUSH, PMPD 1000g SPOT ACID, PMPD 13,776g FLUSH @ 41.4 BPM - 4568# W/ FRAC GRADIENT OF .86 (PSI/FT). PERF WOLFCAMP 8302'-8408', 8432'-8452', 8485'-8496', 8574'-8588', 8661'-8670', 8686'-8692', W/ 1 JSPF 166 HOLES. ✓

10-4-11: 3RD STAGE WOLFCAMP ACID FRAC: PMPD 87 BW, PMPD 6,888 GAL ACID, PMPD 21,000 GAL OVER FLUSH, PMPD 13,356 GAL FLUSH @ 59.3 BPM - 4833# W/FRAC GRADIENT OF .98 (PSI/FT).

10-6-11: STEP RATE TST: PMPD 400 bbls DISPLACEMENT @ 4.5 BPM 2205#. MPD 150 bbls @ 2 BPM 1398# PMPD 150 bbls @ 4 BPM 2067# PMPD 150 bbls @ 6 BPM 2480# PMPD 150 bbls @ 8 BPM 2717# PMPD 150 bbls @ 10 BPM 2854# DROPED RATE TO 4 BPM 1988# & PMPD 200 bbls . ON STANDBY TO MONITOR WELL AFTER STEP RATE TEST. SEE PAGE TWO

Spud Date: 08/18/2011

Rig Release Date: 09/17/2011

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

SIGNATURE

TITLE SR. STAFF REGULATORY TECH

DATE 12/06/2011

Type or print name BEV HATFIELD

E-mail address: beverly.hatfield@apachecorp.com

PHONE: 432-818-1906

For State Use Only

APPROVED BY:

TITLE COMPLIANCE OFFICER

DATE 2/17/12

Conditions of Approval (if any):

WELL MUST BE INJECTION BY 5/1/2013 TO KEEP PERMIT.
 CONTACT THE OGD TO WITNESS INITIAL MIT TEST BEFORE YOU CAN
 USE THIS WELL.

HOBBBS

DEC 07 2011

CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

RECEIVED

SUNDRY NOTICES AND REPORTS ON WELLS (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. 30-01538977
1. Type of Well: <input checked="" type="checkbox"/> Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator APACHE CORPORATION		6. State Oil & Gas Lease No. LG-5665-0001
3. Address of Operator 303 VETERANS AIRPARK LANE, STE 3000; MIDLAND, TX 79705		7. Lease Name or Unit Agreement Name APACHE STATE SWD
4. Well Location Unit Letter B : 660 feet from the N line and 1980 feet from the E line Section 36 Township 17S Range 30E NMPM County EDDY		8. Well Number 001
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3625 GR		9. OGRID Number 873
		10. Pool name or Wildcat SWD;WOLFCAMP-CISCO

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

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: NEW COMPLETION - TA'D WELL - PAGE 2 OF 2 <input checked="" 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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

10-12-11: HELD SAFETY MEETING RIH W/ TBG DO CBP'S: OPEN WELL FOUND 350# ON TBG 325# ON CSG BLED TO PIT PUMPED 40 BBLS 10# BRINE DWN TBG TO KILL WELL. MASKED UP CREW RIH TO 8750' RU 2.5 SWIVEL DO CBP CIRC CLEAN. PUMPED 50 BBLS 10# BRINE DWN TBG TO KILL WELL RIH W/13 JTS TBG TO 9150' PU SWIVEL DO CBP CIRC CLEAN LAY DOWN SWIVEL POH ABOVE PERF'S SI WELL SDFN HAD A LOT OF HIGH H2S GAS AT PIT WHILE DRILLING OUT CBP'S PREP TO RIH TO PBTD CIRC CLEAN. PBTD 9657'.

10-14-11: MIRU 2 PHASE SEPERATOR TO TBG, PIT, RUN 2-7/8 GAS VENT OFF LOCATION TO CONTROL H2S.

10-19-11: SET CIBP @ 8250' w/35' CMT CAP TOC @ 8215'. RIH W/218 JTS OF 2 7/8 TBG SI WELL SDFN.

10-20-11: RIH TO 8211' PMP 340 BBLS PKR FLUID DWN TBG CIRC OUT MUD. LD CSG W/PKR FLUID. POH LD 2 7/8 WS SI WELL W/ 25 STANDS LEFT IN HOLE, PREP TO TEST CSG & RUN CHART

10-21-11: FINISH POH LAYING DWN 50 JTS TBG. LOAD CSG W/ PKR FLUID & NU WELLHEAD. RU PUMP TRUCK W/ CHART RECORDER TEST CSG TO 480# FOR 30 MIN. TESTED GOOD. CLEAN LOCATION RDMOSU. WELL WAS TA'D ON 10/21/2011 FINAL REPORT.

Spud Date:

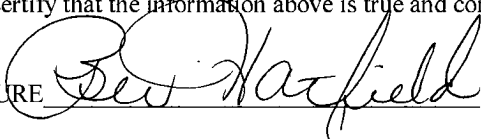
08/18/2011

Rig Release Date:

09/17/2011

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

SIGNATURE



TITLE SR. STAFF REGULATORY TECH

DATE 12/06/2011

Type or print name BEV HATFIELD

E-mail address: beverly.hatfield@apachecorp.com

PHONE: 432-818-1906

For State Use Only

APPROVED BY:

TITLE

DATE

Conditions of Approval (if any):

DCD

HOBBS OCD

Apache Corp.

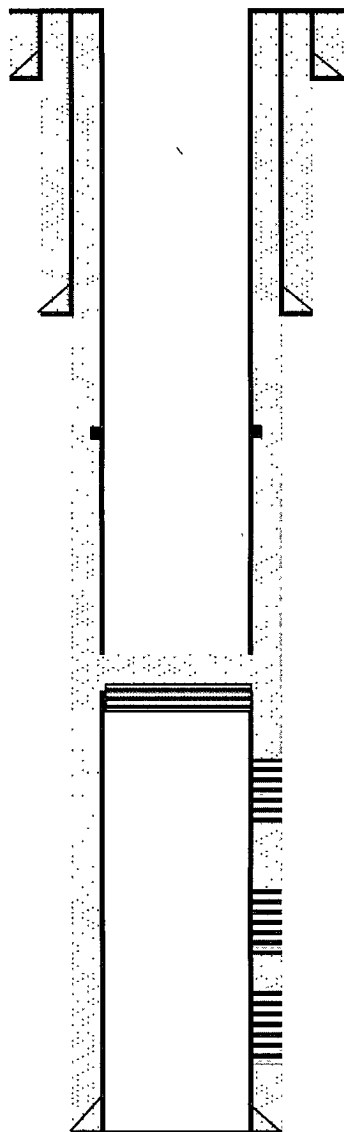
DEC 09 2011

30-015-38977

RECEIVED

GROUP:	Permian North	DATE:	Dec. 07, 2011
FIELD:	Loco Hills	BY:	SNH
LEASE/UNIT:	Apache State SWD	WELL:	#1
COUNTY:	Eddy County	STATE:	New Mexico
API #: 30-015-38977			

KB = 13'
GR = 3625'



13-3/8" H-40 48# set @ 491'
cmt w/ 520 sx to surface

9-5/8" J-55 40# set @ 4490'
cmt w/ 1475 sx to surface

10/21/11: TA'd

DVT @ 6973'

10/19/11: CIBP @ 8250' w/ 35' cmt

WOLFCAMP

10/3/11: 8302'-8692' (1 JSPF, 166 holes)

WOLFCAMP/CISCO

10/3/11: 8827'-9098' (1 JSPF, 137 holes)

CISCO

9/28/11: 9200'-9604' (1 JSPF)

7" L-80 26# set @ 9704'

cmt w/ 740 sx (1st Stage), 750 sx (2nd Stage) to surface

TD = 9703'
PBD = 8250'

Apache Corporation
6120 S. Yale Ste 1500
Tulsa, OK 74136

HOBBS OCD

DEC 07 2011

30-015-38977

Apache State SWD #001
Eddy County, New Mexico

RECEIVED

256	2.56	1.00	1.75	4.48	4.48
463	2.07	2.00	3.50	7.25	11.73
734	2.71	1.00	1.75	4.74	16.47
955	2.21	0.90	1.58	3.48	19.95
1176	2.21	0.90	1.58	3.48	23.43
1333	1.57	1.50	2.63	4.12	27.55
1491	1.58	1.70	2.98	4.70	32.25
1612	1.21	1.20	3.00	3.63	35.88
1744	1.32	1.30	2.28	3.00	38.88
1959	2.15	0.80	1.40	3.01	41.89
2186	3.00	0.60	1.05	3.15	45.04
2349	1.63	0.60	1.05	1.71	46.76
2740	3.91	0.60	1.05	4.11	50.86
2930	1.90	0.60	1.05	2.00	52.86
3024	0.94	0.80	1.40	1.32	54.17
3512	4.88	0.20	0.35	1.71	55.88
4013	5.01	1.50	2.63	13.15	69.03
4490	4.77	1.00	1.75	8.35	77.38
4825	3.35	0.10	0.18	0.59	77.96
4989	1.64	0.20	0.35	0.57	78.54
5197	2.08	0.10	0.18	0.36	78.90
5339	1.42	0.30	0.53	0.75	79.65
5717	3.78	0.20	0.35	1.32	80.97
5903	1.86	0.10	0.18	0.33	81.30
6153	2.50	0.30	0.53	1.31	82.61
6310	1.57	0.50	0.88	1.37	83.98
6511	2.01	0.40	0.70	1.41	85.39
6755	2.44	0.20	0.35	0.85	86.24
7248	4.93	0.10	0.18	0.86	87.11
7736	4.88	0.30	0.53	2.56	89.67
7985	2.49	0.20	0.35	0.87	90.54
8145	1.60	0.30	0.53	0.84	91.38
8398	2.53	0.30	0.53	1.33	92.71
8679	2.81	0.90	1.58	4.43	97.13
8986	3.07	0.60	1.05	3.22	100.36
9087	1.01	0.40	0.70	0.71	101.06
9444	3.57	1.00	1.75	6.25	107.31
9704	2.60	1.00	1.75	4.55	111.86



Archie Brown - General Manager

The attached instrument was acknowledged before me on the 28th day of September, 2011
by Archie Brown - General Manager, CapStar Drilling, L.P.


Notary Public