

Submit 3 Copies To Appropriate District 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

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
June 19, 2008

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

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. 30-021-20430
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/> CO2 Supply		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Hess Corporation		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 840, Seminole, Texas 79360		7. Lease Name or Unit Agreement Name Mitchell
4. Well Location Unit Letter <u>G</u> : <u>2310</u> feet from the <u>North</u> line and <u>2310</u> feet from the <u>East</u> line Section <u>22</u> Township <u>18N</u> Range <u>30E</u> NMPM County <u>Harding</u>		8. Well Number <u>221G</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4316 GL		9. OGRID Number <u>495</u>
		10. Pool name or Wildcat West Bravo Dome CO2 Gas

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 ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

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

OTHER: Completion (Perf & Frac) ☒

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.

See attached detailed summary.

Spud Date:

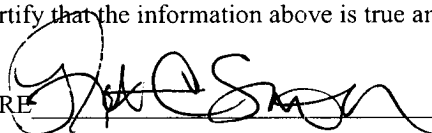
06/24/2007

Rig Release Date:

06/27/2007

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

SIGNATURE



TITLE Engineering Technician

DATE 11/19/2008

Type or print name Rita C. Smith

E-mail address: rsmith@hess.com

PHONE: (432) 758-6726

For State Use Only

APPROVED BY:



TITLE

DISTRICT SUPERVISOR

DATE

2/9/09

Conditions of Approval (if any):

Mitchell 1830 221G

API #30-021-20430

C-103 Summary (perf & frac)

8/27

MIRU Key Pressure Truck, JSA, CPC 0 psi. Well Unperfed. Pump 0.1 bbl, 6% KCL down Tbg to Pressure Test Prior to Frac. Pressure up to 500 psi on FG csg, OK. Pressure up to 1000 psi on FG csg, OK. Pressure up to 1500 psi on FG csg, OK. Pressure up to 2000 psi on FG csg, held 30 mins, OK. Release Pressure. SI Well. RDMO Key Pressure Truck.

8/27 MI RU Correlate Logs to Gamma. Perf 1942-1972 KB ft w/ HSD 3.375" HyperJet 3406, 4spf, 120 phasing, 0.49 EHD 15" TTP. RD MO **9/18** MI RU. Job Start 10:14:17, Pumping Time 34:00 mins, Total Time 47:37. Base Fluid 7% KCl Frac Water Guar (45cp). Stages 1. 10% HCl 2. Breakdown 0.2% CO₂ 3. Pad Stage open Fracture w/ 65.8% CO₂ 4. 2ppg Premium Brown 12/20 w/ 45.8% CO₂ 5. 4ppg Premium Brown 12/20 w/ 53.6% CO₂ 6. 6ppg Premium Brown 12/20 w/ 39.8% CO₂ 7. 8ppg Premium Brown 12/20 w/ 26.5% CO₂ 8. Flush 1.5-2 bbl above top perf, w/ 19.9% CO₂. ISIP 1236 psi. Max Treating Pressure 2146 psi, Average Treating Pressure 1951 psi, Max Well Head Rate 36.3 bpm. Slurry Volume 312.36 bbls, CO₂ Mass 40.2 Tons, and 49,500 lbs Sand Pumped over the Duration of the Frac. Proppant in Wellbore 900 lbs with 48,600 lbs in formation. Load to Recover 264.71 bbls. Shut down. Opened valve on Flowback tee and began immediate flowback with two tees to get to Frac tank. Shut in. RD MO. Continue Flowback
Flowed 9/18 12:30 800psi (1/2"choke), 15:00 200 Psi Flowing Water Gas Sand. 9/19 9:15 Change Choke to 3/4". End Flow 9/21 12:30 80 psi Low Flow No Sand, 72 hrs total, Recovered 200 BLW. **9/23** MI RU Slick Line, Tagged Fill at 1988.2 KBft (6ft kb), Sand 16.2 ft Beneath the Bottom Perf, RD MO