submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
APR 14 2008
Bureau of Land Management
Farmington Field Office

Sundry Notices and Reports on Wells

1. **Type of Well**
GAS

2. **Name of Operator**
ConocoPhillips

3. **Address & Phone No. of Operator**
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. **Location of Well, Footage, Sec., T, R, M**
Sec., T—N, R—W, NMPM

Unit D (NWNW), 1060' FNL & 1040' FWL, Sec. 36, T26N, R4W NMPM

5. **Lease Number**

6. **If Indian, All. or Tribe Name**
JIC CONT 106

7. **Unit Agreement Name**
Jicarilla B

8. **Well Name & Number**
Jicarilla B 13M

9. **API Well No.**
30-039-25773

10. **Field and Pool**
Blanco MV/ Basin DK

11. **County and State**
Rio Arriba, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission:	Type of Action:		
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans	☒ Other : MIT/ Squeeze off
	☐ Recompletion	☐ New Construction	
☐ Subsequent Report	☐ Plugging	☐ Non-Routine Fracturing	
	☐ Casing Repair	☐ Water Shut-off	
☐ Final Abandonment	☐ Altering Casing	☐ Conversion to Injection	

13. Describe Proposed or Completed Operations

ConocoPhillips intends to perform a MIT, test H2O production on DK perfs and perform a CO2 flush. Please see attached procedure.

RCVD APR 16 '08
OIL CONS. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct.

Signed Philana Thompson Philana Thompson Title Regulatory Tech Date 4/14/08

(This space for Federal or State Office use)
APPROVED BY Original Signed: Stephen Mason Title _____ Date APR 15 2008
CONDITION OF APPROVAL, if any:

Title 18 U S C Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

ConocoPhillips
Jicarilla B Unit #13M (MV DK)
MIT/ Water Isolation /Squeeze off / CO2 treatment/Rod Pump

Lat 36° 26' 51" N **Long** 107° 12' 31" W

Prepared By: Douglas Montoya Date: 02/11/2008
BAE Peer review/approved By: Dennis Wilson Date: 04/01/2008

UL D

Scope of work: The intent of this procedure is to perform a mechanical integrity test (MIT) to the 7" Casing, test water production on the DK Perfs (7,896'-8073') and perform a CO2 flush.

A pit will be required for this procedure.

Est. Cost:
Est. Rig Days: 7

WELL DATA:
API: 30039257730001
Location: 1060' FNL & 1450' FWL, Unit D, Section 36 – T26N – R4W
PBTD: 8125' **TD:** 8138'
Perforations: 5,819'-5,930' (MV), 7,896'-8,073 (DK)

Well History: The Jicarilla B Unit #13M a MV/DK well, was spud in September of 2000 (Lewis was added in 2001). The production rate, prior to logging off (Dec 2006), was approximately 120 Mcfd, and the current rate is 0 Mcfd. The RAM team said that the MV shows high resistivity in this area and unless we have some water coming from Dakota, also the water problem can be a hole in the casing. MIT and test each zone is going to help to solve where the water is coming from.

B2 Adapters are required on all wells other than pumping wells.

Artificial lift on well (type): Plunger

Est. Reservoir Pressure (psig): 1200 psi (DK) 800 psi (MV)

Well Failure Date: February 2007

Current Rate (Mcfd): 0 **Est. Rate Post Remedial (Mcfd): 100**

Earthen Pit Required: YES

Special Requirements: 2 hour chart for MIT.

BAE Production Engineer: Douglas Montoya, Office: (505) 559-3425, Cell: (505) 320-8523

BAE Backup: Soledad Moreno, Office: (505)324-5158, Cell: (505)320-8529

MSO: Sylvester Gomez Cell: (505) 320-2520

Lead: Matt Crane Cell: (505) 320-1553

Area Foreman: Terry Bowker Cell: (505) 320-2600

ConocoPhillips
Jicarilla B Unit #13M (MV DK)
MIT/ Water Isolation /Squeeze off / CO2 treatment/Rod Pump

Lat 36° 26' 51" N **Long** 107° 12' 31" W

PROCEDURE:

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COP safety and environmental regulations. Test rig anchors prior to moving in rig.

2. MIRU work over rig. Check casing, tubing, and bradenhead pressures and record them in Wellview.

3. RU blow lines from casing valves and begin blowing down casing pressure. Avoid putting water on the well if possible, however kill well with 2% KCl, or produced water if necessary. ND wellhead and NU BOPE.

4. Release donut and remove. TIH with tubing to tag for fill, note depth of any fill in WellView (tbg landed @ 7920' KB w/ PBTD @ 8125' KB). TOOH with 2-3/8" tubing and additional joints needed to reach PBTD. Tubing detail:

   (127 jts +Jts needed to reach bottom) 2-3/8" 4.7# J-55 tubing
   (1 jt) 2-3/8" 4.7# J-55 pup joints
   (1 jt) 2-3/8" 4.7# J-55 tubing
   (1) 2-3/8" X 1.78" ID Seat Nipple set @ 7,920'

5. Visually inspect tubing and record findings in Wellview. Make note of corrosion or scale. Please notify engineer of any unusual findings.

6. MU RBP for 7" casing and set to 5780' (Top perforation at 5819').

7. RIH w/ 7" packer on 2-3/8" work string and set 200' above RBP. Pressure test RBP (500 psi for 15 min). Release packer and pressure test casing (500 psi for 15 min).

8. Record pressure and any leak off. If test fails, contact Superintendent and Production Engineer for further instructions.

9. NU wireline. Perforate 2 squeeze hole. RDMO wireline.

10. Ensure 7" x 9 5/8" annulus is open to pit. Establish circulation rate. Notify Superintendent and Production Engineer if well does not circulate and wait on orders.

11. MIRU cementers. Tag pre-flush water w/ dye to ensure it is distinguishable from water flowing from bradenhead. Establish circulation rate. Pump Cement needed to fix de hole(as Engineer Instruction). Monitor rate and pressure. Once cement reaches surface displace cement to 50' above squeeze hole.

12. RDMO cementers. WOC.

13. Check intermediate pressure. If water flow and pressure is eliminated, continue per procedure. If pressure is present or water flow is continued, contact Superintendent and Production Engineer.

14. Release packer and TOOH.

15. PU 6-1/4" bit and drill out excess cement left in casing. TOOH.

16. Perform a charted pressure test on squeeze hole to 500 psi for 30 minutes. Call Superintendent and Production Engineer if pressure test fails.

17. PU 3-7/8" bit, drill out CIBP and clean out with air package to PBTD @ 8125'. TOOH with tubing and bit.

18. TIH as follows:

    (8 jts) 2-3/8" OD tubing (tail pipe)
    Packer for 7" casing and 2-3/8" OD tubing sting inside, set a Weatherford packer ~@ 7800'.

19. RIH w/ 7" packer on 2-3/8" work string and set 100' above Dakota Perf 7796'. **Swab well in and flow well for 8 hours and monitor water production. Contact engineer.**

CO2 FLUSH PROCEDURE

20. Drop standing valve, fill tubing with water, pressure test to 2,000 psi, watch for15 minutes, if no leaks swab tubing and remove standing valve.

21. Leave elevators latched on 2-3/8" tubing but slack off to top of BOP.

22. Make sure 4'-5' of tubing is sticking up on surface.

23. RU Weatherford CO2 pumping unit.

24. Pressure test CO2 lines with N2 chill lines to get a good prime.

25. *Pump down 2-3/8" tubing 40 tons of liquid CO2 at 3 bpm or less rate. (1 ton – 5.6 bbl)*

26. Maximum pressure limit on surface while pumping CO2 is 1500 psi. If pressure reaches 1500 psi, stop pumping until pressure drops to 1000 psi and start pumping again (to avoid formation fracture).

27. Bleed off lines and RD Weatherford CO2 pumping unit and release from location.

28. Flow back immediately with two 2" or one 3" line to the flow-back tank, until pressure drops below 10 psi or at least 18 hours (record rate and pressure in WellView).

29. Have flow-back crew to record the pressure every 1 hour until pressure drops to 10 psi.

30. DO NOT KILL the well with 2% KCL water.

31. Unset the packer and tag for fill again. If you tag more than 200' of fill from PBTD (rat hole 52'), notify production engineer and clean out to +/- 8125' (PBTD).

32. TOOH with the tubing and packer. Lay down the packer.

PUMP INSTALLATION

Pump Install Procedure (Lufkin C228D-246-86)

Bottom Perf: 8073', PBTD: 8125'

31. Trip in hole with production tubing string consisting of:

    (1) 2-3/8" Purge Valve
    (1) 2-3/8" x 10' tubing sub
    (1) 2-3/8" x 30' PGA-1 Gas Separator with top gas relief hole and slots cut 14' and 14'-5" down from the top collar
    (1) 2-3/8" x 2' tubing sub
    (1) 2-3/8" F nipple
    Approximately (251) joints of 2-3/8" tubing

32. Land tubing @ 8053'+/- 10'. This will place F nipple @ 8012'.

    Note: Please place rod rattigan below the pumping tee.

33. Trip in well production rod string consisting of:

    2" x 1-1/4" x 11' x 15' RHAC-Z, COP insert pump (6' plunger) with a 1" x 10' gas anchor
    [8'], ¾" x 8' Norris Class D guided rod sub
    [0.5]', 18,000lb Norris shear tool
    (4) [100'], 1-1/4" sinker bars
    [16'] ¾" x 8' plain rod subs
    (206) [5150'] ¾" Norris Class D Type 54 plain rods
    Approximately (109) [2725'], 7/8" Norris Class D Type 54 plain rods (with slim hole couplings)
    7/8" Norris rod subs (as necessary to space out rod string)
    (1) 1-1/2" x 22' spray metal polish rod

34. Space out and seat insert rod pump. Load tubing and pressure test to 500 psi. Bleed off pressure. Slowly stroke rods with rig to pressure pump test to 500 psi. Bleed off pressure. Find pump tag. Insert rod pump will be spaced out with 9-1/2' from GLE to the top of the polish rod with the pump pulled 12" up off of tag. Slack off of rod string, until rods stack out. Please do not clamp off rod string on the spray metal portion of the spray metal polish rod. Rig down.

35. Set a new Lufkin C228D-246-86 conventional pumping with a new Arrow C-96 gas engine, unit from the Lufkin Services Yard.

    - Predicted peak polish rod load is 19,522 lbs.
    - Pumping unit will have an 86" surface stroke length
    - Tubing Stretch = 12.3"
    - True pump plunger travel in pump barrel = 49.5"
    - Plunger will stroke out of chrome into the extension 2-1/2"
    - Install (2) 1-1/2" three bolt polish rod clamps
    - Install T-252 rod rotator and fill with required oil
    - Install polish rod lubricator for 1-1/2" polish rod
    - Run @ 7.76 strokes per minute to produce 70 BFPD
    - Run @ 5.99 strokes per minute to produce 50 BFPD
    - Run @ 5.00 strokes per minute to produce 46 BFPD

Recommended	*Douglas Montoya*	Approved	
BAE Engineer	Douglas Montoya	Expense Supervisor	Kelly Kob
Office	(505) 599-3425	Office	(505) 326-9582

CURRENT SCHEMATIC

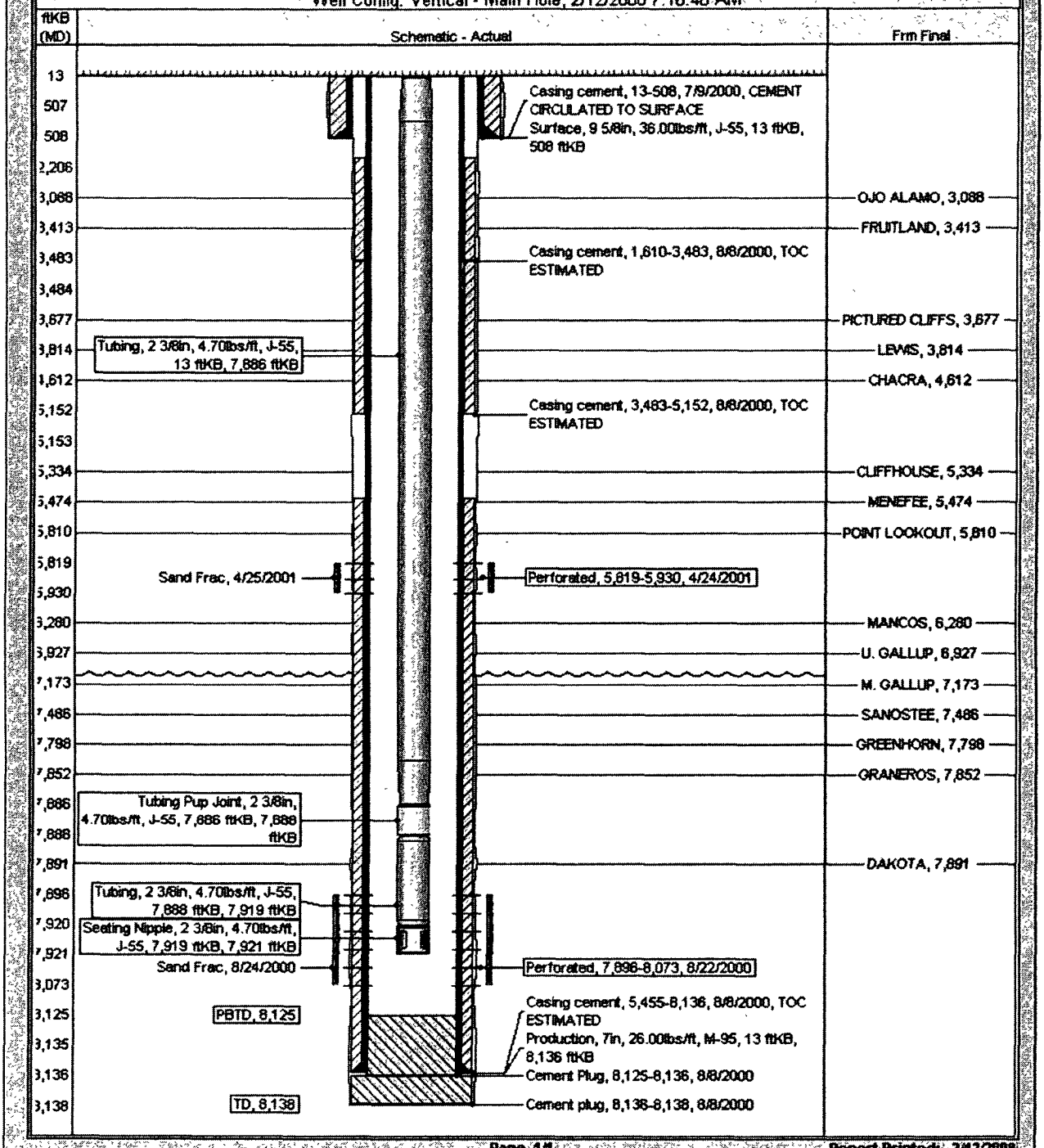
ConocoPhillips

JICARILLA B #13M

District	Field Name	API / UWI	County	State/Province	Edit
SOUTH	MV/DK COM	300392577300	RIO ARRIBA	NEW MEXICO	

Original Spud Date	Surface Legal Location	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref
7/8/2000	NMPM-26N-04W-36-D	1,040.00	W	1,060.00	N

Well Config: Vertical - Main Hole, 2/12/2008 7:16:46 AM



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