Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT -" for such proposals

2004 SEP 1 PM 4 08

RECEIVED
070 FARMINGTON NM

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
NM-18323

6. If Indian, Allottee or Tribe Name

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

7. If Unit or CA, Agreement Designation

8. Well Name and No.
29-4 Conoco 24 # 1

2. Name of Operator
Synergy Operating, LLC OGRID # 163458

9. API Well No.
30-039-24821

3. Address and Telephone No.
PO Box 5513 (505) 325-5449
Farmington, NM 87499

10. Field and Pool, or Exploratory
Basin Fruitland Coal

4. Location of Well (Footage, Sec, T. R., M, or Survey Description)
840' FSL, 1065' FWL, Sec 24, T29N - R4W

11. County or Parish, State
Rio Arriba
New Mexico

OCT 2004

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Converion to Injection
	☒ Other	☐ Dispose Water

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including, estimated date of starting work. If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones of pertinent to this work.

SEE ATTACHED

ACCEPTED FOR RECORD
OCT 25 2004
FARMINGTON FIELD OFFICE
BY

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

Signed: _____ Title: Engineering Manager Date: 09-30-2004
Thomas E. Mullins

This space for federal or state office use

Approved by: _____ Title: _____ Date: _____
Conditions of approval if any

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

NMOCD

Carson 29-4 24 # 1
Rod Pump Jack Installation

Wed, 08-08-2001

MIRU Key Rig # 28 from Escrito Store. Very Long Move. Rode unit to location. Discuss Rig-Up of Unit. Raise Derrick, NU Rig and Equipment. Blow Down casing and Tubing. Casing to Tank. ND WH, NU BOPE, Change Rams and Elevators to 2-7/8". Test Operation of BOPE. PU 1 Jt of 2-7/8" Tubing. Unseat Tubing Hanger (Dounut), Pull up. Install TIW Valve. Close tubing in.. Casing left open to tank overnight. SDFN.

Thu, 08-09-2001

Crew arrive at 8:00 hrs. Blow down tubing. Start Unit. Pull 1 full stand of 2-7/8" tubing. Install Baker 5-1/2" 17# Lockset Packer with x-o for 2-3/8" to 2-7/8" and a 2-3/8" TIW valve. Close TIW, Run tubing and packer in the hole and set PKR at 35', in compression, string wt of tubing below. Back off of Packer, leaving valve and PKR in the hole. Pull 2 jts of tubing.. RD floor and ND BOPE. ND 11" x 7-1/16" 3000# tubing head with bad valves and 2" outlets. NU 11" x 7-1/16" 3000# Tubinghead with 3-1/16" 3000# outlet and 3000# ball valve. Test tubing seal 500# would not test to 1000#. Need to plastic energize and test at a later date. NU BOPE. GIH and screw into PKR. Release PKR and COOH tallying 2-7/8" 6.5# J-55 Tubing, total of 3,639.37'. SN was up one jt. GIH with production tubing, rabbit and tally 10 additional jts to land pump deeper, as follows: 1 jt Mud Anchor OE (31.20'), Perf Sub (6.00'), New SN (1.10), and 126 Jts 2-7/8" (Total of 127 Jts in hole). Tag Fill at 3904.68'. Lay down 2 jts of tubing, Tubing Landed at 3,870.77' + 10' KB = 3,880.77', SN @ 3849.55'.
Top Perf @ 3619', Btm Perf @ 3681' (intake 168' below btm perf).
Land Tubing, ND BOPE, NU Wellhead, Rattigan, and pumping Tee (Threads bad in pumping tee), RD Floor, RU to run rods.

Run Energy Pump & Supply rod pump (2-1/2" x 1-1/4" x 10'x 14'), Six (6) ¾" Regular Rods, Twenty-One (21) ¾" Guided rods, then One-hundred-five (105) Regular ¾" Rods, X-O to 7/8" Rods, then Nineteen (19) 7/8" Rod, 6' Pony Rod and Polish Rod. Seat Pump and stroke test with Rig. Shut-down for night.

Fri 08-10-2001

Arrive on location at 8:00 hrs. NU Horses head and hang well on. Run Ford 6 Cyl engine from casing gas and truck battery. Problems with the alternator. RD Rig to side of location. Roads are muddy, wait to move. L&R oilfield service, arrive and finish connection of 3" flowline to casing. Fence tank battery with top rail. Engine Running, leave well pumping over the weekend.

Sat 08-11-2001

Engine running, no fluid to surface at this time. Suspect pump problem. Running 7 Strokes per min (42 BFPD 100% Efficiency), Casing 220 psi.

Sun 08-12-2001

Same condition, no fluid moving.

Mon 08-13-2001.

MOTE Hot oil truck on location. Load 40 bbls of water from lined pit on 24 # 4. Pump ½ bbl of water to load tubing. Still no pump action. Test Tubing to 500 #, bleed to 250#, Pump will not pump up, suspect bad traveling valve in pump? Or rod part. Place extra fluid into # 4 tank.

Still to muddy to move rig off location. Schedule rig for tomorrow, to pull pump.

Tues 08-14-2001

RU Key Rig # 28, Energy Pump & Supply Rep (Bones) adjust tag on pump, trying to pump, suspect no fluid entry into pump? Tom Mullins made the decision to pull the pump out of the well and replace it with the same type pump. Pull rods and pump. Changeout pump and run same rod string in hole except for replacement of 6' pony with an 8' pony rod. Seat pump. MOTE Hot oil truck on location, pull 40 bbls from # 4 tank. MOTE Load tubing with 15 bbls water. Test pump to 500#, Test pump action from 250# to 500#, Good. Pump remaining 25 bbls water to 24 # 1 production tank, NU horse head and hang well off, adjust tag on the pump. Release crew at 15:00 hrs. Run pump off of truck battery from 15:00 hrs to 19:00 hrs.

Replace alternator on engine, PU voltage regulator, install, unit will not stay on.

Wed 08-15-2001

Key Rig # 28, change out blocks on rig and drilling line. Unable to get pump running due to electrical problems.

Thu 08-16-2001

Tommy w/ Industrial Engine on location. Replace alternator with single wire alternator and new voltage regulator. Pump jack running at 10:00 hrs. Moving fluid to tank. Check at 17:00 hrs engine still running. No tank strap, remember 40 bbls in tank from loading of pump.

Fri 08-17-200

Darrel arrive, pump jack running, no fluid being moved to tank. Strap tank 3' 5" of fluid appears to be all parraffinic. Close tubing side, pressure up, adjust pump speed between 7 and 9 strokes per min, could not feel tag. Pump began to pump fluid.

Sat 08-18-2001

Arrive at 08:00 hrs, Casing appeared to be closed or at least not fully open, csg 200#, pump not moving any fluid. No gas sales to date. Shut-off pump 5 mins, adjust speed of unit, could not feel the tag. Gas blow up the tubing. Blow down the casing to atmosphere, pump began to tag more firmly, could feel proper tag. Turn casing to line, building pressure, left unit running.

Sun 08-19-2001

Arrive on location, Tubing was shut-in???? Must have left closed, Tubing at 320#, open tubing to tank, moving fluid, then would quit. Close in tubing, pressure up to 80# and open to tank again, gas flow along with fluid.

Shut-down unit at 12:00 hrs+/- Shut-in well. Let fluid build up before pumping again, then will shoot a fluid level to verify that it is pumped off.

Very poor results at this time. Estimated that a total of $ 40,000 has been spent on installation of rod pump for this well to date, includes surface equipment movement, roustabout work, and rod pump and rods, and rig work associated with pump installation.