

UNITED STATES
DEPARTMENT OF THE INTERIOR **N.M. Oil Cons. Division**
BUREAU OF LAND MANAGEMENT **811 S. 1st Street**
SUNDRY NOTICES AND REPORTS ON A Artesia, NM 88210-2834
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED *c/sf*
OMB NO. 1004-0135
Expires: November 30, 2000

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	7. If Unit or CA/Agreement, Name and/or No.
2. Name of Operator Santa Fe Snyder Corporation	8. Well Name and No. Hackberry "19"
3a. Address 550 W. Texas, Suite 1330, Midland, TX 79701	9. API Well No. Federal No. 1
3b. Phone No. (include area code) 915/687-3551	10. Field and Pool, or Exploratory Area Und. (Bone Spring)
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) (F), 1980' FNL & 1980' FWL, Sec. 19, T-19S, R-31E	11. County or Parish, State Eddy NM

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input checked="" type="checkbox"/> Recomplete <input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

2/01/00: MIRU. Load tbq w/2% KCl. ND tree, NU BOP, rel pkr, POOH w/tbg. MIRU JSI Wireline. RIH w/gauge ring to 12,000'. POOH, LD gauge ring. RIH w/CIBP, set @ 11,940'.

2/02/00: Continue in hole w/tbg, tag CIBP, pull up 3'. RU BJ & pmp 80' cmt. Flush to end of tbg. RD BJ, POOH w/tbg.

2/03/00: MIRU wireline to perf. RIH w/4" csg guns, correlate to CCL dated 4/01/98. Perf: 8796-8802' & 8816-8826' w/ 38 holes, all fired. POOH w/guns. RD perforators. ND BOP & NU frac valve. MIRU frac tanks & load w/1350 bbl of 2% KCl.

2/05/00: MIRU frac equipment. Load & test lines to 6000#. Start pmpg pad, pmp 23 bbl, SD, maxed out pressure. Start breakdown w/one pump, elevated rate, attained 30 BPM rate @ 3400#, resumed w/cross link pad & continued pumping all stages. ISIP 2349#, 5 min 2164#, 10 min 2075#, 15 min 2115#. Max TP 3944#. Avg BPM 30.6. Start flowing well back @ 0.5 BPM to force closure. 14 hrs flowback recovered 154 bbl gel water & acid gas.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Terry McCullough

Title

Sr. Production Clerk

Date

March 28, 2000

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

2/06/00: Well dead. Left open to test tank.

2/08/00: ND frac valve. NU BOP. RIH w/tbg & swab well. IFL surface. Made 18 swab runs, recovered 166 bbl of gel water. FFL 4000', trace gas, light oil skim.

2/09/00: Open well to frac tank,

2/16/00: RIH w/RBP & tbg. Set retrievable bridge plug @ 8742'. POOH w/1 jt of tbg. NU WH & shut well in for evaluation.

3/14/00: MIRU.

3/15/00: ND WH, NU BOP. POOH w/34 stds, EOT @ 6655'. Load hole w/50 bbl 2%, gas bubble to surface. BOP would not hold. Waiting on 2-7/8" rams, change out rams, test to 1000#. Acid-wash tbg w/250 gal 15%, spot 250 gal 15%, POOH.

3/16/00: RIH w/GR-CCL, tie into open hole log, POOH. RIH w/4" csg gun, perf Bone Spring 6641-6654', no response, POOH. Pump spot acid away, formation broke @ 2600#, pmp total of 11 bbl. Installed choke, SITP 400, open to tank.

3/17/00: MIRU BJ frac eqpt. Start pad, established rate @ 25 BPM, pmp 195 bbl. CP 4000#, drop rate to 11 BPM, CP 4000, drop rate to 6 BPM, CP 4000#. Start 2# sand, increase rate to 8 BPM, sand on perfs. Csg PSI 4040, went to flush, drop rate to 2 BPM. Flush w/45 bbl, rate down to 0.30 BPM. Pmp 13,000# 16/30 white sand. Open choke, flow back 30 mins @ 1/2 BPM. Rec 17 bbl. Open choke to 20/64", flowed well 18 hrs. Recovered 158 bbl gel wtr & 58 BO, light gas cut. 6:00am: FCP 30#, last hr recovered 0 BW + 5 BO, light gas cut.

3/19/00

SICP 340. FTP 0. Choke 22/64". Flow back 8 BO + 11 BW. Pump 100 bbl 10#, 3/17/00, add to load. TLTR 435 bbl.

3/20/00 SICP 360. FTP 0. Choke 22/64". Flowback 2 BO + 2 BW. TLTR 433 bbl. SDFN.

3/22/00: SICP 0. Finish RIH w/tbg. LD 36 jts. EOT @ 6510'. Spot acid within 3 bbl pkr. Close bypass, PSI csg to 1000#, pmp 1500 gal 15% with (75) 1.3 ball sealers, no ball action. Wait 1 hr. SITP 750. Open choke 20/64", 10 mins well running over. RIH w/swab, made 8 runs, recovered 90 bbl of acid-cut water. FFL 3500' scattered to SN.

3/24/00: Made 16 runs, recovered 13 BO + 72 BW.

It is planned to pull the RBP and production test the Bone Spring intervals together. An initial potential test will be taken and appropriate completion forms will be filed.

REC-111
APR 30 1980
FBI
ALBUQUERQUE, NM