

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
RECEIVED
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505
OCT 10 2008
HOBBS OIL

Form C-103
June 19, 2008

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. 30-041-20823 ✓
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input checked="" type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> ✓
2. Name of Operator EAGLE RESOURCES, LP ✓		6. State Oil & Gas Lease No.
3. Address of Operator P.O. BOX 3900, ROSWELL, NM 88202-3900		7. Lease Name or Unit Agreement Name COOK ✓
4. Well Location Unit Letter <u>B</u> : <u>330</u> feet from the <u>NORTH</u> line and <u>1980</u> feet from the <u>EAST</u> line ✓ Section <u>34</u> Township <u>2S</u> Range <u>29E</u> NMPM County <u>ROOSEVELT</u>		8. Well Number <u>001</u> ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4369' KB		9. OGRID Number 182843 ✓
		10. Pool name or Wildcat TULE; MONTOYA

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input checked="" type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input 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.

10/25/07- MI & RU TOTEM.
10/26/07- TOH W/ RODS & PUMP. NU WELLHEAD. TOH W/ TBG. TIH W/ SCRAPER TO CLEAN UP HOLE. TOH W/ TOOLS.
10/27/07- TIH W/ PKR. DROP STANDING VALVE. TEST TBG TO 2000#. OK. FISH STAND VALVE. RU & SWAB TEST THE MONTOYA.
10/28/07- PULL UP AND SET PKR. SWAB TEST UPPER PENN "C".
10/29/07- TOH W/ PKR. GIH W/ PRODUCTION STRING. PUT ON PUMP.

Reg 1,200 put on Production

Spud Date:

4/22/88

Rig Release Date:

5/15/88

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

SIGNATURE Jennifer Zarata TITLE PRODUCTION ANALYST DATE 10/08/08
Type or print name JENNIFER ZARATA E-mail address: jzapata@stratanm.com PHONE: (575) 622-1127
For State Use Only

APPROVED BY: [Signature] TITLE PETROLEUM ENGINEER DATE NOV 25 2008
Conditions of Approval (if any):

Analytical Laboratory Report for:

Strata



Chemical Services

Account Representative:

David Nailon

Production Water Analysis

Listed below please find water analysis report from: Tule, Cook #1

Lab Test No: 2008110460

Sample Date:

03/14/2008

Specific Gravity: 1.103

TDS: 156760

pH: 6.15

Cations:	mg/L	as:
Calcium	17792	(Ca ⁺⁺)
Magnesium	2076	(Mg ⁺⁺)
Sodium	32101	(Na ⁺)
Iron	162.63	(Fe ⁺⁺)
Potassium	692.7	(K ⁺)
Barium	5.16	(Ba ⁺⁺)
Strontium	15.98	(Sr ⁺⁺)
Manganese	4.09	(Mn ⁺⁺)
Anions:	mg/L	as:
Bicarbonate	61	(HCO ₃ ⁻)
Sulfate	450	(SO ₄ ⁼)
Chloride	103400	(Cl ⁻)
Gases:		
Carbon Dioxide	140	(CO ₂)
Hydrogen Sulfide	0	(H ₂ S)

Strata

Lab Test No: 2008110460

DownHole SAT™ Scale Prediction
@ 100 deg. F



Chemical Services

Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)
Calcite (CaCO ₃)	.333	-.00301
Aragonite (CaCO ₃)	.282	-.00383
Witherite (BaCO ₃)	< 0.001	-27.61
Strontianite (SrCO ₃)	< 0.001	-6.94
Magnesite (MgCO ₃)	.0567	-.0211
Anhydrite (CaSO ₄)	.336	-68.03
Gypsum (CaSO ₄ *2H ₂ O)	.395	-59.72
Barite (BaSO ₄)	1.03	.0883
Celestite (SrSO ₄)	.00311	-389.8
Silica (SiO ₂)	0	-43.76
Brucite (Mg(OH) ₂)	< 0.001	-.202
Magnesium silicate	0	-105.71
Siderite (FeCO ₃)	2.06	< 0.001
Halite (NaCl)	.0737	-120330
Thenardite (Na ₂ SO ₄)	< 0.001	-86973
Iron sulfide (FeS)	0	-.0741

Interpretation of DHSat Results:

The Saturation Index is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The scale is logarithmic, i.e. a Saturation Index of 3 is 10 times more saturated than a value of 2.

The Momentary excess is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) to positive (precipitating) values. The Momentary Excess represents the amount of scale possible while the Saturation Level represents the probability that scale will form.

**Natural Gas
Analysis Report**

Run File	C:\STAR\DATA\STRATA06_4;31;31 PM_10-28-07_.RUN		
Method	C:\Star\BTUC6+.mth		
Operator	Precision Gas Meas	Analysis Date	10/28/07
Station #		Company	STRATA PRODUCTION
Lease	COOK #1	Pulled Data	10/25/07 PRESS 79
Producer	STRATA PRODUCTION	Water (lbs)	

<u>Component</u>	<u>Mole %</u>	<u>GPM</u>
H2S	0.000	0.0000
nitrogen	8.219	0.0000
methane	79.366	0.0000
propane	3.477	0.9580
i-butane	0.502	0.1643
n-butane	1.230	0.3877
carbon dioxide	0.246	0.0000
i-pentane	0.331	0.1210
n-pentane	0.365	0.1323
ethane	5.507	1.4728
hexane+	0.757	0.3254
Totals	100.0000	3.5614

Relative Density from Composition 0.7125

Lab Density Test Value

BTUs @ 14.73 Saturated 1,096

BTUs @ 14.73 Dry 1,115

Compressibility 0.99712