District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

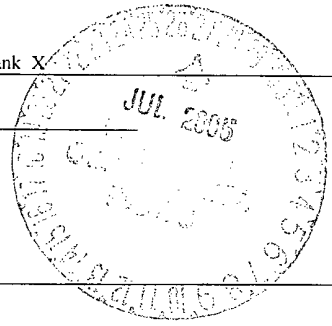
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes X No ☐
Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank X



Operator: Yates Petroleum Company Telephone: 505-748-4500 e-mail address: mikes@ypc.com
Address: 105 South 4th Street, Artesia, N.M. 88210
Facility or well name: Ropco Federal PC 12 Com 1 API #: 30-045-29096 U/L or Qtr/Qtr J Sec 12 T 29N R 13W
County: San Juan Latitude 36.7387 Longitude 108.15329 NAD: 1927 ☐ 1983 X
Surface Owner: Federal X State ___ Private ___ Indian ___

Pit	**Below-grade tank**	
Type: Drilling ___ Production ___ Disposal ___ Work over X Emergency ___ Lined X Unlined ___ Liner type: Synthetic X Thickness 12 mil Clay ___ Pit Volume 12,000 bbl	Volume: ____bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes ☐ If not, explain why not.	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) XXXX (10 points) (0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes No	(20 points) (0 points) XXXX
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points) XXXX
	Ranking Score (Total Points)	**20 POINTS**

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if your are burying in place) onsite ___ offsite ___ If offsite, name of facility_____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ___ Yes ___. If yes, show depth below ground surface_____ft. and attach sample results.
(5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: Workplan for the closure of drilling pit. The drilling pit contents will be mixed to stiffen the pit contents. The primary 12 mil liner will be folded. A 20 mil synthetic liner will be placed over the drilling pit contents with a minimum of a 3' over-lap of the drilling pit area. The drilling pit will then be backfilled to grade using a minimum of 3' of clean soil or like material. Mud seed will be applied in the proper seed mixture. A one call and 48 hour notice will be provided to the Oil Conservation Division before pit closure actions begin.

Pit Closure actions to begin by NA. Ending date NA

Please note: 2% KCL as noted in attached information

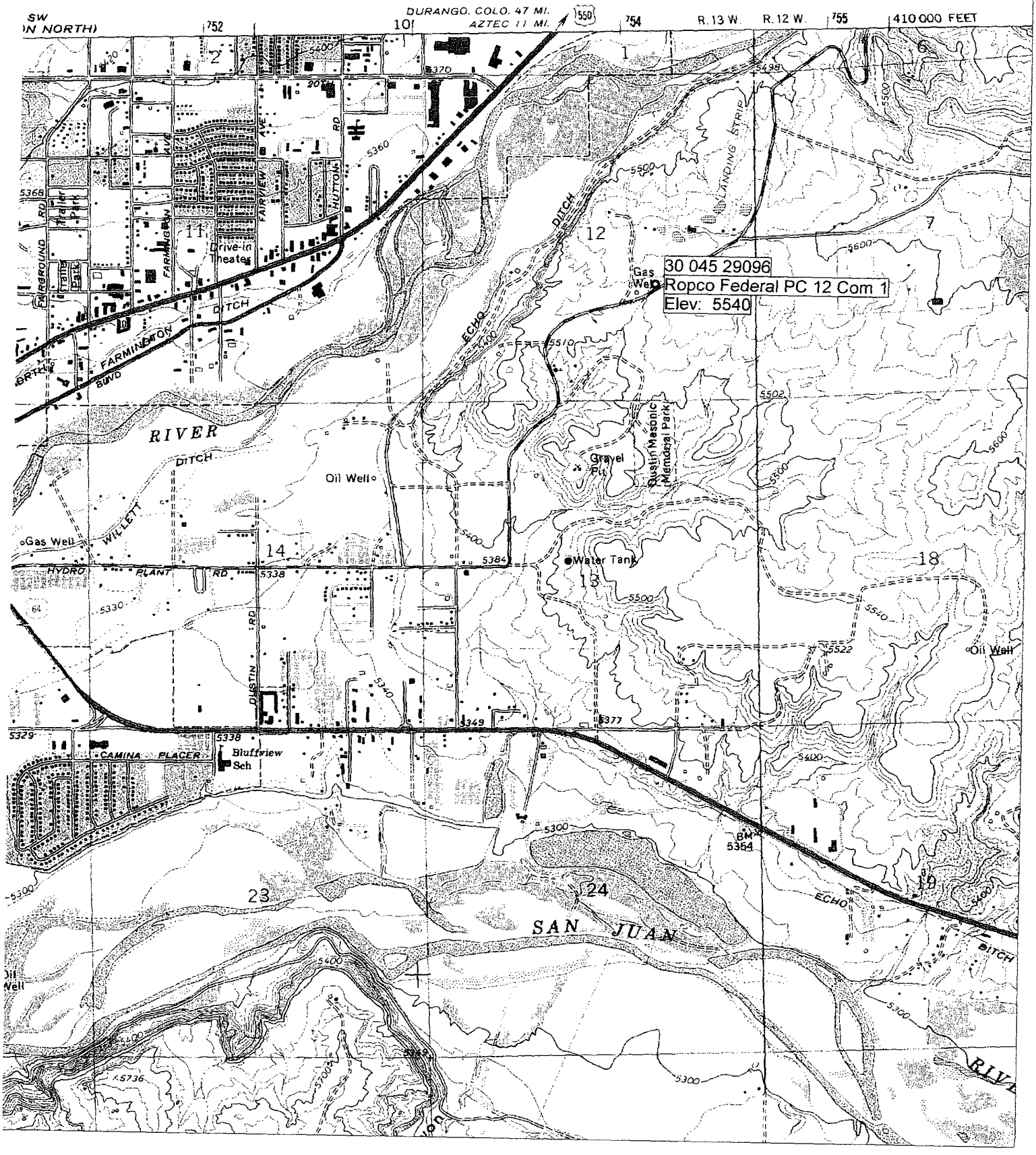
I hereby certify that the information above is true and complete to the best of my knowledge and belief. **I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ___, a general permit X, or an (attached) alternative OCD-approved plan ___.**

Date: 07/19/2005
Printed Name/Title Dan Dolan / Regulatory Agent Signature _____

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:
Printed Name/Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Signature _____ Date: JUL 27 2005

FARMINGTON SOUTH Q
NEW MEXICO–SAN J
7.5 MINUTE SERIES (TO



New Mexico Office of the State Engineer

Well Reports and Downloads Repco Federal PC 12 Com 1

Township: 29N Range: 13W Sections:

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) ○ Non-Domestic ○ Domestic ◉ All

Well / Surface Data Report | Avg Depth to Water Report | Water Column Report | Clear Form | WATERS Menu | Help

AVERAGE DEPTH OF WATER REPORT 07/13/2005

							(Depth Water in Feet)		
Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	Min	Max	Avg
SJ	29N	13W	01				4	18	40	28
SJ	29N	13W	02				7	17	90	34
SJ	29N	13W	04				5	10	16	14
SJ	29N	13W	05				4	10	20	16
SJ	29N	13W	06				1	12	12	12
SJ	29N	13W	08				2	4	30	17
SJ	29N	13W	09				13	9	50	17
SJ	29N	13W	10				15	9	38	20
SJ	29N	13W	11				9	10	39	19
SJ	29N	13W	14				33	4	30	6
SJ	29N	13W	15				2	4	25	15
SJ	29N	13W	16				3	21	35	27
SJ	29N	13W	17				1	20	20	20
SJ	29N	13W	18				1	11	11	11
SJ	29N	13W	21				3	6	20	11
SJ	29N	13W	22				27	7	35	16
SJ	29N	13W	23				7	6	30	15
SJ	29N	13W	24				1	32	32	32
SJ	29N	13W	25				1	75	75	75

Record Count: 139

YATES PETROLEUM CORPORATION
CHRONOLOGICAL DRILLING REPORT
ROPCO Federal 12 Com #1
Unit J
12-29N-13W
San Juan County, New Mexico

RECOMPLETION

12-29-04 Moved on location and rigged up J. C. Well Service rig #3. Pulled polished rod, 6' pony rod, 58 - 3/4" rods and 2" x 1-1/2" x 8' BWAC pump. Killed well with 20 bbls water. Nippled down wellhead. TOH with 47 joints 2-3/8" tubing, SN and tail joint with notched collar. Killed well again with 20 bbls water. Removed tubing head and installed a 5000 psi frac valve. Rigged up Blue Jet and ran a gauge ring to PBTD at 1545' KB. Set a Halliburton composite frac plug at 1450' KB. Loaded the casing and pressure tested the casing and frac valve to 3000 psi, held OK. Perforated Lower Fruitland Coal from 1422-1446' at 4 SPF, 60 deg phasing for a total of 96 - .36' holes. Shut in well. Rigged down Blue Jet and J. C. Well Service. Set and filled 3 frac tanks with 2% KCL water and heated to 90 deg F. Hope to frac 12-29-04. DC $7012; CC $7012

12-30-04 Rigged up Halliburton. Held safety meeting and pressure tested lines. Pumped 3500 gals pad of 20# Delta 140 fluid at 30 BPM. Started sand at 1 ppg. Treating pressures started to increase as soon as the sand got to the perfs. Increased rate to 34 BPM, then 37 BPM but treating pressured continued to increase. Stopped the ramp at 2.25 ppg. Flushed sand to perfs when pressure increased to 3500 psi. Waited until the pressure fell to 1555 psi and started the pad again. The treating pressure was steady at 2500 psi. Started sand again at 1 ppg and again the treating pressures started to increase as soon as sand got to perfs. Dropped the rate to 20 BPM and kept pumping 1 ppg sand until the treating pressures were 3300 psi. Flushed the sand to the perfs and shut in the well. Job completed at 1320 hours 12-29-04. AIR 25 BPM, MIR 37 BPM. ATP 2900 psi, MTP 3500 psi. Total fluid 959 bbls. Total sand in formation 34,971#. Rigged down Halliburton and installed a flowback manifold. Well was dead by 1500 hours. Shut in well. DC $47,244; CC $54,256

12-31-04/1-3-05 Moved on location and rigged up JC Well Service rig #1. Well was dead. Nippled down frac valve and nippled up BOP. Picked up 3-7/8" blade bit and bit sub on 2-3/8" tubing. Tagged fill at 1440', 10' above plug. Laid line from casing valve to flow back tank. Rigged up Precision Air. Picked up power swivel and unloaded hole. Well was dry. Cleaned out 10' of frac sand and drilled the bridge plug. Pushed the plug to 1545' KB. Started to clean out rathole when top joint of tubing twisted off 3' below top of BOP. Caught fish with overshot and TOOH with tubing. Laid down bit and bit sub. TIH with tail joint with notched collar on bottom, SN and 47 joints 2-3/8" tubing. Landed it as before at 1517' KB. Left well venting to flowback bank overnight. Shut down due to darkness. Will finish running the pump tomorrow. DC $5301; CC $59,557

1-1-05 Ran new 2" x 1-1/2" x 8' RWAC pump on the same rod string as before (58 - 3/4" plain rods and 6' pony rod). Spaced out pump and hung off rods. Loaded