

State of New Mexico

Energy, Minerals and Natural Resources Department

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APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DEPUTY OIL & GAS INSPECTOR

AUG 08 1997

PIT REMEDIATION AND CLOSURE REPORT

Operator: SOUTHWEST PRODUCTION CO. Telephone: 972-671-8183

Address: 777 SOUTH CENTRAL EXPANDED, SUITE 7E, RICHMOND, TX 75080

Facility Or: FANNIE WARD #1
Well Name

Location: Unit or Qtr/Qtr Sec K Sec 18 T 30N R 11W County SJ

Pit Type: Separator Dehydrator other BLOW

Land Type: BLM , State , Fee X, other

Pit Location: Pit dimensions: length 15, width 18, depth 4
(Attach diagram) Reference: wellhead X, other

Footage from reference: 50'

Direction from reference: N126 Degrees East North
of X West South

Depth To Ground Water:
(Vertical distance from
contaminants to seasonal
high water elevation of
ground water)

Less than 50 feet (20 points)
50 feet to 99 feet (10 points)
Greater than 100 feet (0 points) 20

Wellhead Protection Area:

(Less than 200 feet from a private
domestic water source, or; less than
1000 feet from all other water sources)

Yes (20 points)
No (0 points) 20

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Distance To Surface Water:

(Horizontal distance to perennial
lakes, ponds, rivers, streams, creeks,
irrigation canals and ditches)

Less than 200 feet (20 points)
200 feet to 1000 feet (10 points)
Greater than 1000 feet (0 points) 20

RANKING SCORE (TOTAL POINTS): 60

Date Remediation Started: 5-23-97 Date Completed: 5-23-97

Remediation Method: Excavation Approx. cubic yards
(Check all appropriate sections) Landfarmed Insitu Bioremediation
other PIT BACKFILLED WITH CLEAN FILL

Remediation Location: Onsite Offsite
(ie. landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action:

NO REMEDIAL ACTION REQUIRED.

Ground Water Encountered: No Yes X Depth 5 1/2' Below Grade
1 1/2' Below Pit Bottom

Final Pit:

Closure Sampling:
(if multiple samples, attach sample results and diagram of sample locations and depths)

Sample location see Attached Documents

Sample depth 1 1/2' Below Pit Bottom

Sample date 5-23-97 Sample time 0945

Sample Results (WATER)

Benzene(ppm) 0.0086

Total BTEX(ppm) 0.0643

Field headspace(ppm) NA

TPH NA

Ground Water Sample: Yes X No (If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 5-30-97

SIGNATURE

Jeffrey C. Blagg

PRINTED NAME
AND TITLE

JEFFREY C. BLAGG, P.E.
PRESIDENT, BLAGG EXAMINING, INC.

CLIENT: <u>SW PRODUCTIONS</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>SW-001</u> C.D.C. NO: <u>5107</u>
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FIELD REPORT: CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>
LOCATION: NAME: <u>FANNIE WARD</u> WELL #: <u>1</u> PIT: <u>BLW</u>	DATE STARTED: <u>5/23/97</u> DATE FINISHED: <u>5/23/97</u>	
QUAD/UNIT: <u>K SEC: 18 TWP: 30N RNG: 11W PM: NM CNTY: SJ ST: NM</u> DEPTH TO FSL: <u>1800' FSL / 1520' FWL</u> NE SW	ENVIRONMENTAL SPECIALIST: <u>NV</u>	
CONTRACTOR: <u>PROPERTY MANAGEMENT</u>		

EXCAVATION APPROX. <u>NA</u> FT. x <u>NA</u> FT. x <u>NA</u> FT. DEEP.	CUBIC YARDAGE: <u>NA</u>
DISPOSAL FACILITY: <u>ON SITE</u>	REMEDIATION METHOD: <u>NONE REQUIRED</u>
LAND USE: <u>AGRICULT. / RANGE</u> LEASE: <u>FEE</u>	FORMATION: <u>DAKOTA</u>

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 50' FT. N126°W FROM WELLHEAD.

DEPTH TO GROUNDWATER: < 50' NEAREST WATER SOURCE: < 1000' NEAREST SURFACE WATER: < 200'

IMMEDIATE RAMPING SCORE: 50 UNMODIFIED CLOSURE STD: 100 PPM

OIL AND EXCAVATION DESCRIPTION:

Soil Type Silty Sandy Cobble mix.
 GROUNDWATER FOUND 1 1/2' Below base of Pit.
 No Staining or odor on soil
 No Staining or Sheen on groundwater

PIT SIZE = 15' x 18' x 4' Deep

CHECK ONE:

☒ PIT ABANDONED

☐ STEEL TANK INSTALLED

☐ FIBERGLASS TANK INSTALLED

Up Gradient test Pit dia. 42'
N 74° W of Wellhead (~ 40' North of Pit) - No odor, No Stain.
 Sample for Cation/Anion.

FIELD 418.1 CALCULATIONS

TIME	SAMPLE ID	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

SCALE

0 FT

PIT PERIMETER

OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1	
2	
3	
4	
5	

PIT PROFILE

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
Pure gw	BTEX	0945
	AMONI	0945
	CATION	0945

TRAVEL NOTES: CALLOUT: 5/23/97 8:00 AM ONSITE: 5/23/97 9:30 AM