

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL				1. WELL NAME and NUMBER Four Star 7-32-7-20		
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				3. FIELD OR WILDCAT WILDCAT		
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO				5. UNIT or COMMUNITIZATION AGREEMENT NAME AURORA (DEEP)		
6. NAME OF OPERATOR ELK RESOURCES, LLC				7. OPERATOR PHONE 303 296-4505		
8. ADDRESS OF OPERATOR 1401 17th Street, Suite 700, Denver, CO, 80202				9. OPERATOR E-MAIL jwhisler@elkresources.net		
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Patent		11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>		12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>		
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Four Star Ranch, Inc.				14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-649-8399		
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 8281 North Trails Drive, ,				16. SURFACE OWNER E-MAIL (if box 12 = 'fee')		
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/>		19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>		
20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	2425 FSL 2332 FWL	NESW	7	7.0 S	20.0 E	S
Top of Uppermost Producing Zone	2355 FSL 2277 FWL	NESW	7	7.0 S	20.0 E	S
At Total Depth	1980 FSL 1980 FWL	NESW	7	7.0 S	20.0 E	S
21. COUNTY UINTAH		22. DISTANCE TO NEAREST LEASE LINE (Feet) 190		23. NUMBER OF ACRES IN DRILLING UNIT 40		
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 7500		26. PROPOSED DEPTH MD: 10321 TVD: 10300		
27. ELEVATION - GROUND LEVEL 4866		28. BOND NUMBER B000969		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE MUNICIPAL		

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input checked="" type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Merrell Olsen	TITLE Engineer I	PHONE 303 339-1919
SIGNATURE	DATE 09/15/2010	EMAIL molsen@delekenergyus.com
API NUMBER ASSIGNED 43047512850000	APPROVAL  Permit Manager	

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	7.875	5.5	0	10321		
Pipe	Grade	Length	Weight			
	Grade N-80 LT&C	10321	17.0			

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Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
I1	12.25	9.625	0	4500		
Pipe	Grade	Length	Weight			
	Grade N-80 LT&C	4500	40.0			

CONFIDENTIAL

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	17.5	13.375	0	800		
Pipe	Grade	Length	Weight			
	Grade J-55 ST&C	800	54.5			

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DRILLING PLAN

Elk Resources, LLC
Aurora Deep Unit
Four Star 7-32-7-20
Sec 7 T7S R20E
Uintah County, Utah

1. ESTIMATED FORMATION TOPS

FORMATION	TOP	COMMENTS
Duchesne River	Surface	Possible Water
Uinta	1,116'	Gas & Degraded Oil Possible Water
Kick Off Point	2,600'	See Attached Directional Drilling Plan
Green River*	3,973'	Oil & Associated Gas
Wasatch*	8,115'	Oil & Associated Gas
Mesa Verde	10,200'	Oil & Associated Gas
TVD (MD)	10,300' (10,321')	

NOTE: Datum, Ground Level (GL) Elevation: 4,866'; * = Planned producing formations

- A) The State of Utah, Division of Oil, Gas and Mining will be notified within 24 hours of spudding the well.
The Bureau of Land Management will be notified within 24 hours of spudding the well.

2. CASING PROGRAM

CASING	HOLE SIZE	DEPTH SET	CSG SIZE	WGHT	GRD	THRD	CAPACITY (bbl/ft)
CONDUCTOR		50-75	20				
SURFACE	17 1/2	800	13 3/8	54.4	J-55	LTC	0.1546
INTERMEDIATE	12 1/4	4,500	9 5/8	40.0	N-80	LTC	0.0773
PRODUCTION	7 7/8	10,321	5 1/2	17.0	N-80	LTC	0.0232

NOTE: All casing depth intervals are to surface unless otherwise noted.

Casing Specs

SIZE (in)	ID (in)	DRIFT DIA (in)	WALL THICKNESS (in)	COLLAPSE RESISTANCE (psi)	INTERNAL YEILD (psi)	TENSILE YEILD (lbs)	JOINT STRENGTH (lbs)
13 3/8	12.615	12.459	0.380	1,130	2,730	853,000	514,000
9 5/8	8.835	8.599	0.395	3,090	5,750	916,000	737,000
5 1/2	4.892	4.767	0.304	6,280	7,740	397,000	348,000

- A) The State of Utah, Division of Oil, Gas and Mining will be notified 24 hours prior to running casing and cementing.
- B) Prior to drilling out cement, all casing strings will be pressure tested in accordance with the State of Utah Administrative Code R649-3-7.4.

FLOAT EQUIPMENT

- SURFACE (13 3/8):** Float Shoe, 1 JNT Casing, Float Collar
Centralizers: Every Joint
- INTERMEDIATE (9 5/8):** Float Shoe, 1 JNT Casing, Float Collar
Centralizers: 1st 4 Joints: every joint
Remainder: every other joint to surface
- PRODUCTION (5 1/2):** Float Shoe, 1 JNT Casing, Float Collar
Centralizers: 1st 4 Joints: every joint
Remainder: every other joint 500' into surface casing
Turbolizers: Every 5th joint up to 5000' depth

NOTE: 5 1/2" 17# N-80 or equivalent marker collar or casing joints will be placed at the top of the Green River and approximately 400' above the Wasatch.

3. CEMENT PROGRAM

CONDUCTOR (20): Ready Mix

SURFACE (13 3/8): 850 sks 50:50 Poz Class G Cement with .05 lbs/sks Static Free + 3% bwow Potassium Chloride + .25 lbs/sks Cello Flake, 14.40 ppg, 1.24 cf/sk, 50% excess.

NOTE: The above volumes are based on a gauged-hole.

INTERMEDIATE (9 5/8): Lead: Caliper plus 20%
630 sks Premium Lite II Cement with 0.5% Static Free 3% Potassium Chloride + .5% Cello Flake 2 lbs Kol Seal, 12.80 ppg, 1.77 cf/sk
Tail: 900 sks 50:50 Poz Class G Cement with .05 lbs/sks Static Free + 3% bwow Potassium Chloride + .25 lbs/sks Cello Flake, 14.40 ppg, 1.24 cf/sk, 50% excess.

NOTE: The above volumes are based on a gauged-hole.

PRODUCTION (5 1/2): FIRST STAGE
Caliper volume plus 20%
Stage Collar: 6,625'
540 sks 50:50 Poz Class G Cement with .05 lbs/sks Static Free + 3% bwow Potassium Chloride + .25 lbs/sks Cello Flake, 14.40 ppg, 1.24 cf/sk, 50% excess.

SECOND STAGE (cement top:500' into intermediate casing)

Lead: Caliper plus 15%
150 sks Premium Lite II Cement with 0.5% Static Free 3% Potassium Chloride + .5% Cello Flake 2 lbs Kol Seal, 11.00 ppg, 3.49 cf/sk
Tail: 325 sks 50:50 Poz Class G Cement with .05 lbs/sks Static Free + 3% bwow Potassium Chloride + .25 lbs/sks Cello Flake, 14.40 ppg, 1.24 cf/sk, 50% excess.

NOTE: The above volumes are based on a gauged-hole.

4. PRESSURE CONTROL EQUIPMENT

- A) The State of Utah, Division of Oil, Gas and Mining will be notified 24 hours prior to all BOP pressure tests.
- B) The BOPE shall be closed whenever the well is unattended.
- C) All BOP and BOPE tests will be in accordance with the State of Utah Administrative Code R649-3-7.

INTERVAL	BOP EQUIPMENT
0 – 800	
800 – 4,500	5M Ram type double BOP & Annular
4,500 – TD	5M Ram type double BOP & Annular

NOTE: Estimated bottom hole pressure at TD will be approximately 4,850 psi. Drilling spool to accommodate choke and kill lines. BOP schematic diagram attached.

5. MUD PROGRAM

- A) Mud test will be performed at least every 24 hours and after mudding up to determine density, viscosity, gel strength, filtration, and pH.
- B) Gas-detecting equipment will be installed and operated in the mud-return system from top of Green River Formation to TD.

INTERVAL	MUD WGHT	VISC	FLUID LOSS	COMMENTS
SURF – 800	8.4 – 8.8 ppg	32	NC	Spud Mud
800 – 4,500	8.4 – 9.0 ppg	38	NC	Water/Lime
4,500 – TD	8.4 – 9.1 ppg	40	NC	Potassium/Gel

NOTE: Mud weight increases will be directed by hole conditions.

6. ABNORMAL CONDITIONS

INTERVAL	CONDITION
SURF – 800	Nothing Anticipated
800 – 4,500	Lost Circulation Possible
4,500 – TD	Lost Circulation Possible

NOTE: No abnormal pressures or temperatures anticipated

7. AUXILIARY EQUIPMENT

- A) Choke Manifold
- B) Upper and lower kelly cock with handle available
- C) Stabbing valve
- D) Safety valve and subs to fit all string connections in use

8. SURVEY & LOGGING PROGRAMS

- A) Cores: None anticipated.
- B) Testing: None anticipated.

- C) Directional Drilling: Directional tools will be used to locate the bottom hole approximately 600' southwest of surface hole (as per the attached well location plat and directional drilling plan).
- D) Open Hole Logs: TD to intermediate casing (4,500'): resistivity, neutron density, gamma ray and caliper.
- E) Mud Logs: Computerized 2-person logging unit will catch and describe 10 foot samples from top of Green River Formation to TD; record and monitor gas shows and record drill times (normal mud logging duties).

9. **HAZARDOUS MATERIALS**

In accordance with Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III, no chemicals subject to reporting in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities (TPQ), will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

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Geological Prognosis

Elk Resources, LLC

Aurora Unit

Four Star 7-32-7-20

BHL 1980' FWL 1980' FSL

Section 7, T7S, R20E, Salt Lake Meridian

Uintah County, Utah

Datum: 4866' GR

1. **Surface Formation:** Duchesne River
2. **Surface Elevation:** 4866' G.L.
3. **Estimated Formation Tops:**

<u>Formation</u>	<u>Top – feet</u>	<u>Expected Production</u>
Duchesne River	Surface	Possible water; will set surface casing
Uinta	1116'	Gas and degraded oil possible water; will set surface casing
Green River	3973'	Oil Shale
T. Oil Mkr	5570'	Oil
L. Green River*	6541'	Oil and associated gas
Carbonate Mkr.*	6655'	Oil and associated gas
GRRVY Mkr*	6940'	Oil and associated gas
Wasatch*	8115'	Oil and associated Gas
WSTCB*	9030'	Oil and associated Gas
Mesaverde	10200'	Oil and associated Gas
TOTAL DEPTH	10500'	

* Planned producing formations

Correlation well: Wall 13-17 Section 17 T7S-R20E

Geologic Discussion

The Aurora Unit 7-32-7-20 Four Star is being drilled as an earning well under the F/O terms of the EnCana agreement. It is proposed as a Mesaverde test to earn a 640+640 drill block, which will earn Wasatch and Green River rights. The proposed well is an offset to the Aurora Unit Wall 13-17 well which is located in the SW of section 17 T7S-R20E and was drilled as a Mesaverde test with a TD of 14761' in the Mancos. The Wall well is currently a gas producer from the Blackhawk Sands of the Lower Mesaverde, and slated for re-completion into the Green River oil interval.

The Green River consists of marginal lacustrine fluvial and shoreline sands and bar and shoreline carbonates. Expected porosities in the pay zones are 8-12%, resistivities greater than 40 ohm/meters and calculated water saturations less than 55%. The Wasatch fluvial and lacustrine sands are also a potential target. This proposed well will test seismically interpreted fractured intervals as dimming events and low amplitudes as picked from the Aurora 3-D. This is based on model comparisons from the current producing wells and will be good match and test for this interpretation. The well is also located on a NW plunging structural nose associated with a basement fault that extends up into the Mancos. This deep faulting and compaction drape should enhance the development of fractures.

ELK RESOURCES, LLC
FOUR STAR #7-32-7-20
LOCATED IN UINTAH COUNTY, UTAH
SECTION 7, T7S, R20E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHERLY



- Since 1964 -

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS	12	23	09	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: D.R.	DRAWN BY: J.H.		REVISED: 00-00-00	

ELK RESOURCES, LLC

T7S, R20E, S.L.B.&M.

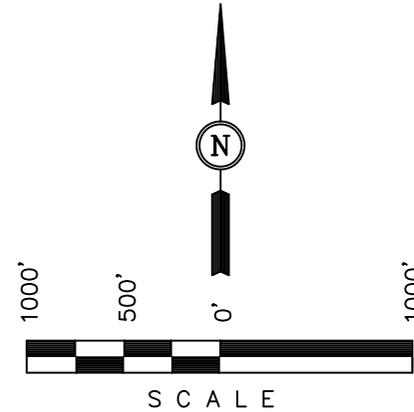
Well location, FOUR STAR #7-32-7-20, located as shown in the NE 1/4 SW 1/4 of Section 7, T7S, R20E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK (38EAM) LOCATED IN THE SW 1/4 OF SECTION 9, T7S, R20E, S.L.B.&M., TAKEN FROM THE PELICAN LAKE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4942 FEET.

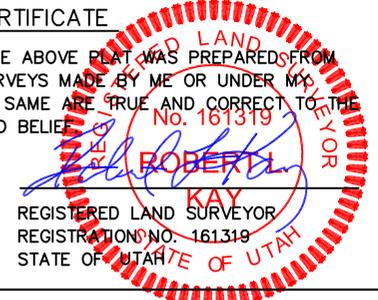
BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

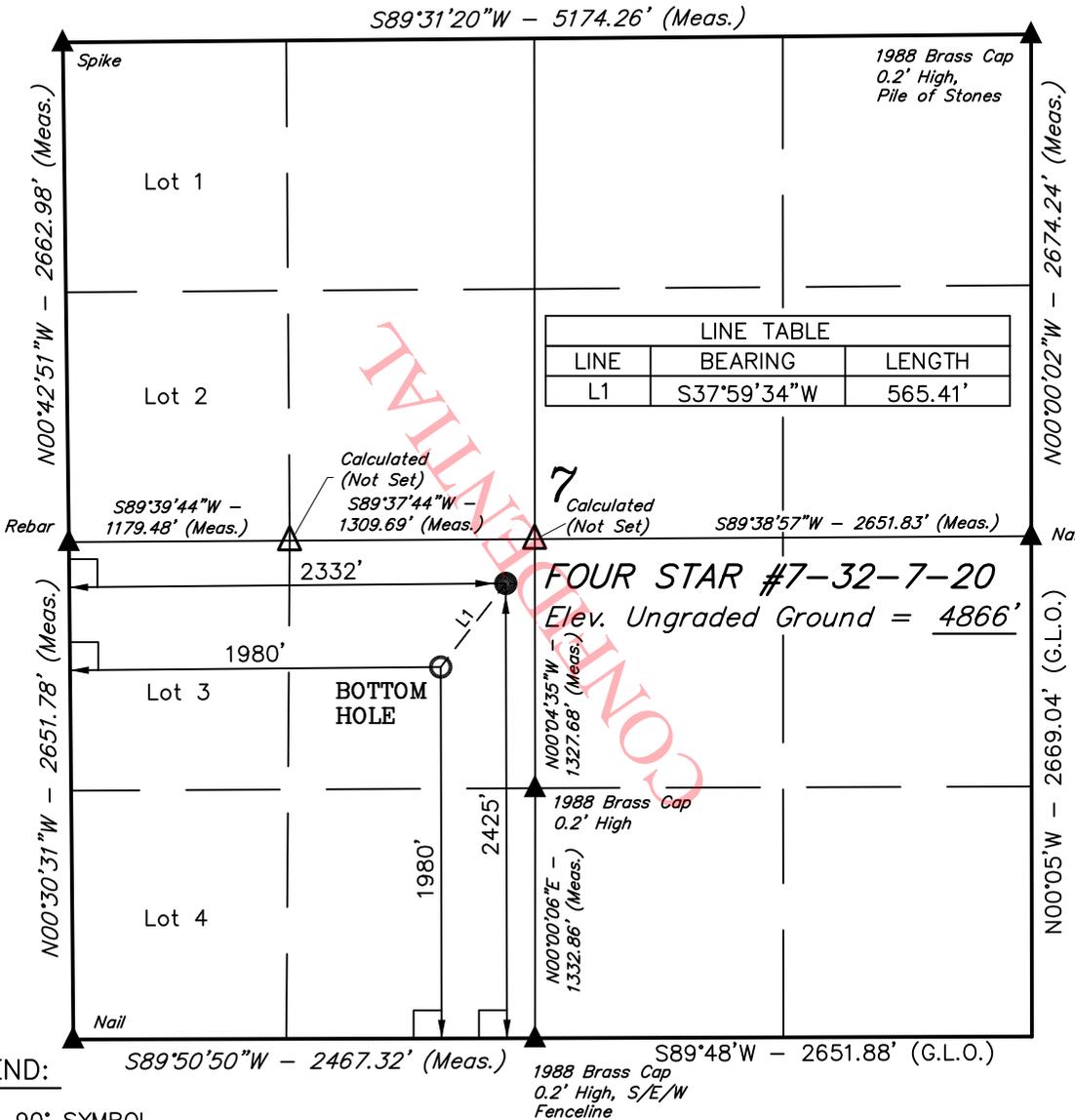


REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

Revised: 02-03-10 D.R.B.

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 12-17-09	DATE DRAWN: 12-18-09
PARTY D.R. K.D. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE ELK RESOURCES, LLC	



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTAB. (Not Set on Ground)

NAD 83 (TARGET BOTTOM HOLE) LATITUDE = 40°13'23.75" (40.223264) LONGITUDE = 109°42'52.22" (109.714506)	NAD 83 (SURFACE LOCATION) LATITUDE = 40°13'28.15" (40.224486) LONGITUDE = 109°42'47.74" (109.713261)
NAD 27 (TARGET BOTTOM HOLE) LATITUDE = 40°13'23.88" (40.223300) LONGITUDE = 109°42'49.72" (109.713811)	NAD 27 (SURFACE LOCATION) LATITUDE = 40°13'28.29" (40.224525) LONGITUDE = 109°42'45.23" (109.712564)

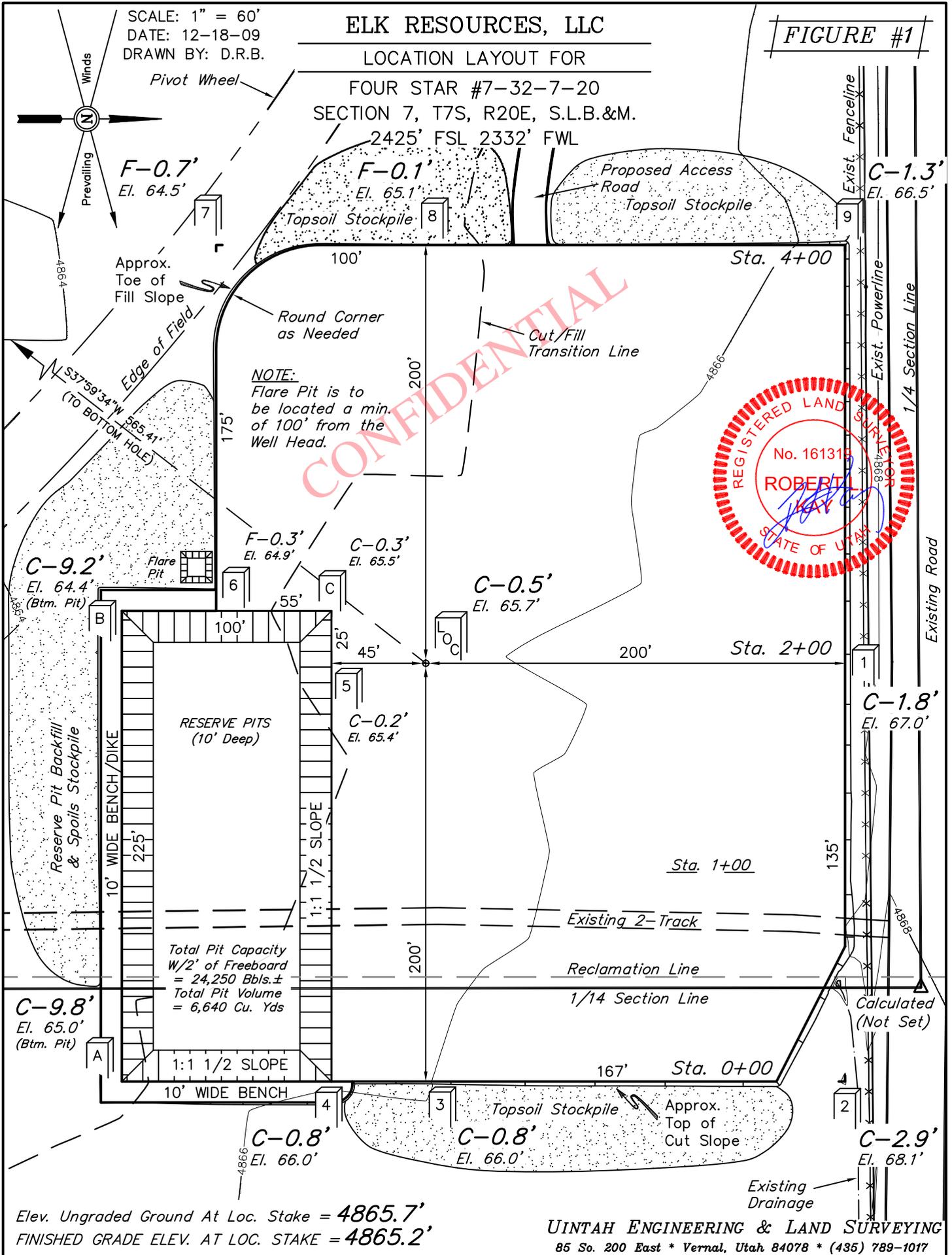
APIWellNo:43047512850000

SCALE: 1" = 60'
DATE: 12-18-09
DRAWN BY: D.R.B.

ELK RESOURCES, LLC

LOCATION LAYOUT FOR
FOUR STAR #7-32-7-20
SECTION 7, T7S, R20E, S.L.B.&M.

FIGURE #1



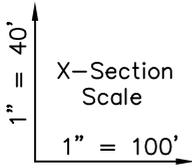
Elev. Ungraded Ground At Loc. Stake = 4865.7'
FINISHED GRADE ELEV. AT LOC. STAKE = 4865.2'

ELK RESOURCES, LLC

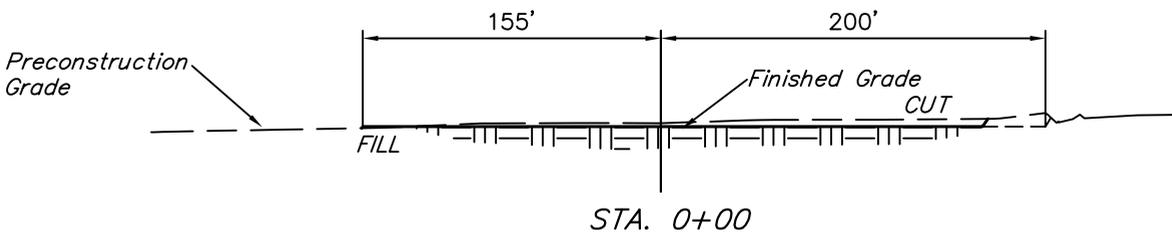
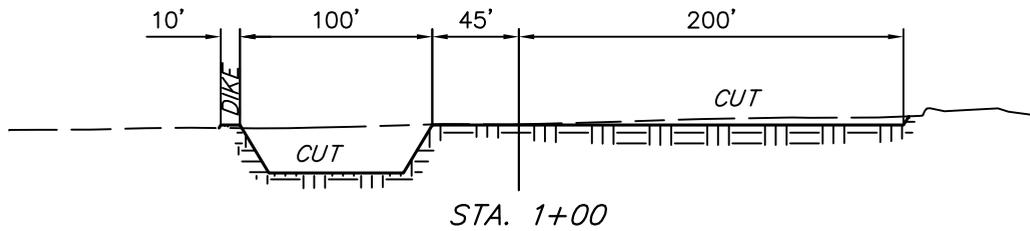
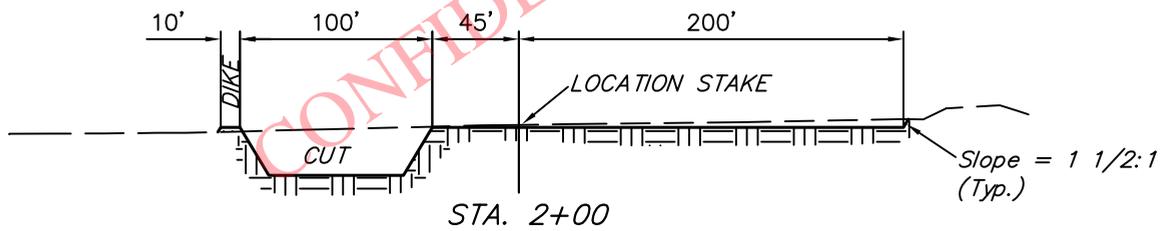
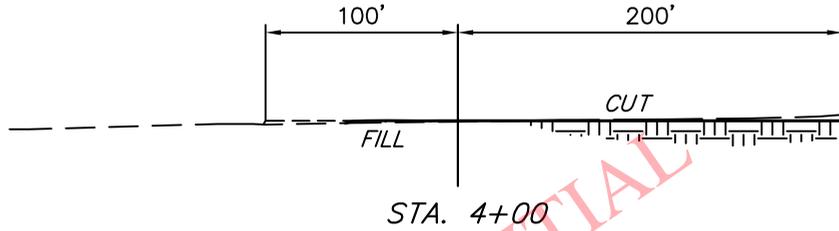
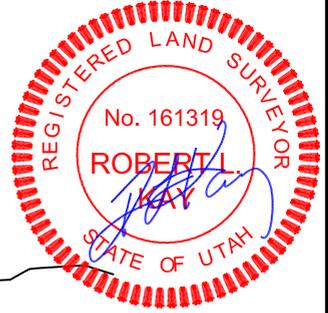
FIGURE #2

TYPICAL CROSS SECTION FOR

FOUR STAR #7-32-7-20
SECTION 7, T7S, R20E, S.L.B.&M.
2425' FSL 2332' FWL



DATE: 12-18-09
DRAWN BY: D.R.B.



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE	= ± 3.990 ACRES
ACCESS ROAD DISTURBANCE	= ± 0.165 ACRES
TOTAL	= ± 4.155 ACRES

* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(12") Topsoil Stripping	= 5,070 Cu. Yds.
Remaining Location	= 6,200 Cu. Yds.
TOTAL CUT	= 11,270 CU.YDS.
FILL	= 2,230 CU.YDS.

EXCESS MATERIAL	= 9,040 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 8,390 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 650 Cu. Yds.

ELK RESOURCES, LLC

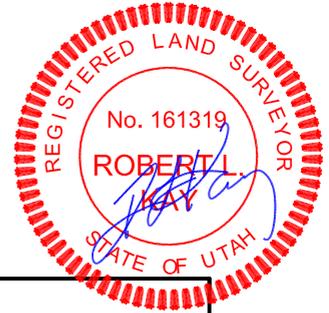
TYPICAL RIG LAYOUT FOR

FOUR STAR #7-32-7-20
SECTION 7, T7S, R20E, S.L.B.&M.
2425' FSL 2332' FWL

FIGURE #3

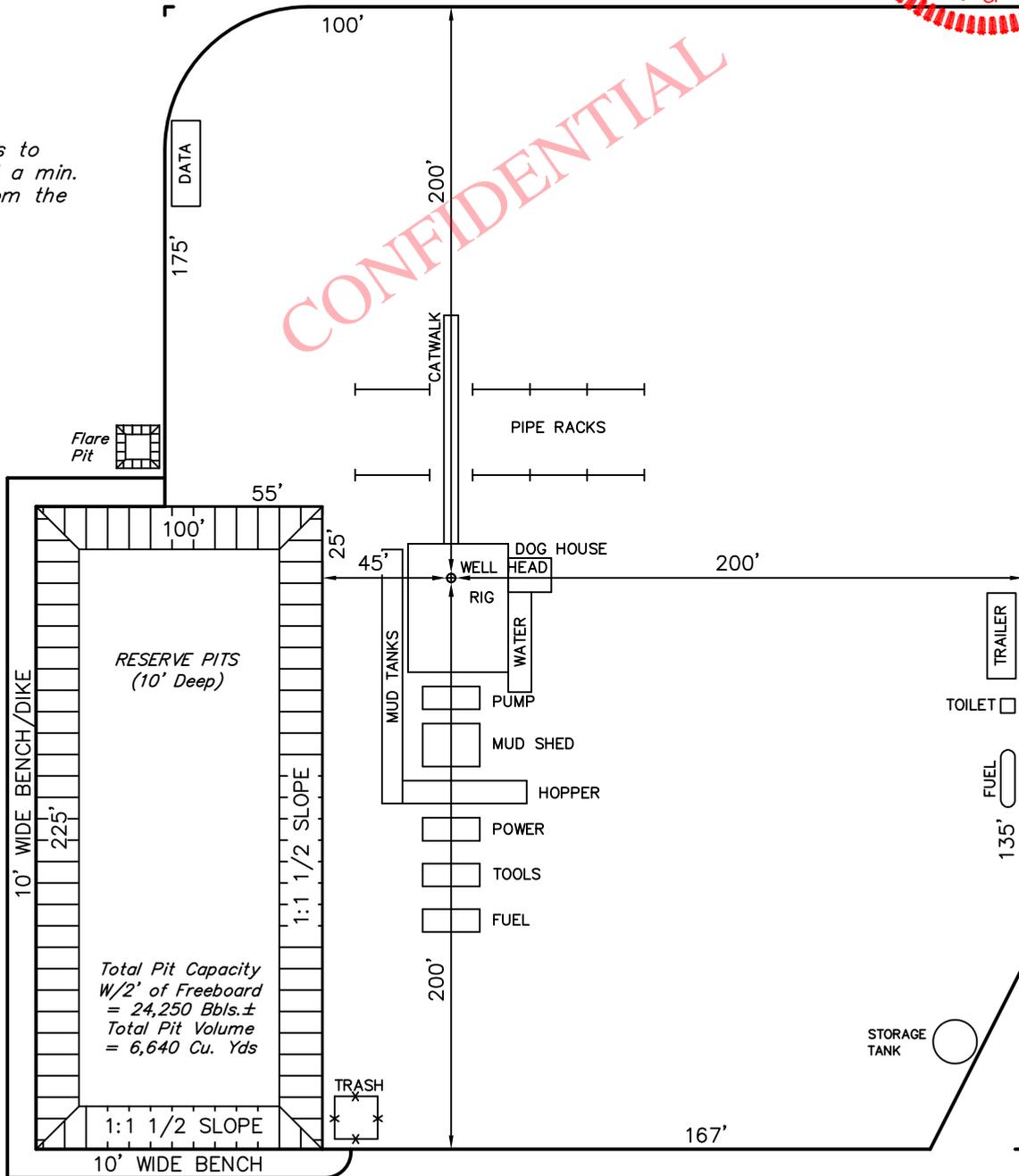


SCALE: 1" = 60'
DATE: 12-18-09
DRAWN BY: D.R.B.



NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.

CONFIDENTIAL



Lot 2

HARRIS WILLIAMS L. & GRACE Y. TRUSTEES
WILLIAMS LAND GRACE Y. HARRIS FAMILY

ELK RESOURCES, LLC

LOCATION DAMAGE AREA & ROAD RIGHT-OF-WAY ON FEE LANDS

(For FOUR STAR #7-32-7-20)

LOCATED IN SECTION 7, T7S, R20E, S.L.B.&M. UINTAH COUNTY, UTAH

BEGINNING OF PROPOSED ROAD RIGHT-OF-WAY STA. 0+00 (At Existing Road)

Sec. 7

Section Corner Re-Established (Not Set)

S89°38'57"W - 2651.83' (Meas.)
1/4 Section Line

Rebar S89°39'44"W - 1179.48' (Meas.)

Section Corner Re-Established (Not Set)

S89°37'44"W - 1309.69' (Meas.)

Existing Road

Existing Powerline

LINE	BEARING	LENGTH
L1	S00°04'26"E	44.24'
L2	S11°40'46"E	50.47'
L3	S34°38'19"E	49.19'
L4	S56°37'24"E	46.41'
L5	S78°38'26"E	48.95'
L6	N00°00'17"E	175.15'
L7	S89°59'43"E	450.00'
L8	S00°00'17"W	395.00'
L9	N89°59'43"W	275.00'
L10	N75°34'29"W	180.69'
L11	N00°00'17"E	174.85'

P.I. 0+44.24
P.I. 0+94.71
P.I. 1+43.90
P.I. 1+90.31

DAMAGE AREA FOUR STAR #7-32-7-20
Contains 3.990 Acres

Centerline of Proposed Road Right-of-Way

END OF PROPOSED ROAD RIGHT-OF-WAY STA. 2+39.26 (At Edge of Damage Area)

FOUR STAR RANCH INC.

FOUR STAR RANCH INC.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

NOTE:

BEGINNING STA. 0+00 BEARS S89°57'08"E 1984.06' FROM THE WEST 1/4 CORNER OF SECTION 7, T7S, R20E, S.L.B.&M.

ENDING STA. 0+00 BEARS S85°21'56"E 2115.96' FROM THE WEST 1/4 CORNER OF SECTION 7, T7S, R20E, S.L.B.&M.

SW 1/4

ROAD RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE NE 1/4 SW 1/4 OF SECTION 7, T7S, R20E, S.L.B.&M. WHICH BEARS S89°57'08"E 1984.06' FROM WEST 1/4 CORNER OF SAID SECTION 7; THENCE S00°04'26"E 44.24'; THENCE S11°40'46"E 50.47'; THENCE S34°38'19"E 49.19'; THENCE S56°37'24"E 46.41'; THENCE S78°38'26"E 48.95' TO A POINT IN THE NE 1/4 SW 1/4 OF SAID SECTION 7, WHICH BEARS S85°21'56"E 2115.96' FROM THE WEST 1/4 CORNER OF SAID SECTION 7. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.165 ACRES MORE OR LESS.

RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
FOUR STAR RANCE	239.26'	0.165	14.50

Lot 4

DAMAGE AREA DESCRIPTION

BEGINNING AT A POINT IN THE NE 1/4 SW 1/4 OF SECTION 7, T7S, R20E, S.L.B.&M. WHICH BEARS S85°21'56"E 2115.96' FROM THE WEST 1/4 CORNER OF SAID SECTION 7, THENCE N00°00'17"E 175.15'; THENCE S89°59'43"E 450.00'; THENCE S00°00'17"W 395.00'; THENCE N89°59'43"W 275.00'; THENCE N75°34'29"W 180.69'; THENCE N00°00'17"E 174.85' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 3.990 ACRES MORE OR LESS.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

ROBERT L. KAY
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH - 200 EAST • (435) 789-1017
VERNAL, UTAH - 84078

SCALE 1" = 300'	DATE 12-21-09
PARTY D.R. K.D. D.R.B.	REFERENCES G.L.O. PLAT
WEATHER COLD	FILE 4 9 7 0 0

- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground)

1988 Brass Cap
0.2' High, S/E/W
Fenceline

S89°50'50"W - 2467.32' (Meas.)

Section Line

N00°00'06"E - 1332.86' (Meas.)

N00°04'35"W - 1327.68' (Meas.)

1/4 Section Line

1/16 Section Line

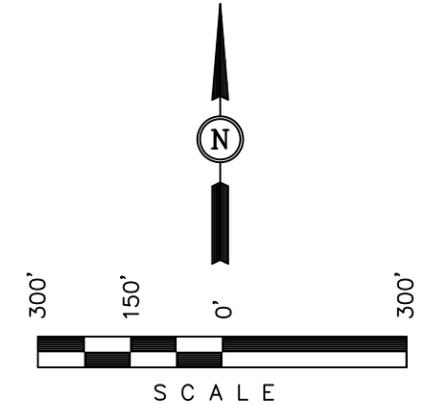
1/16 Section Line

Section Line

Section Line

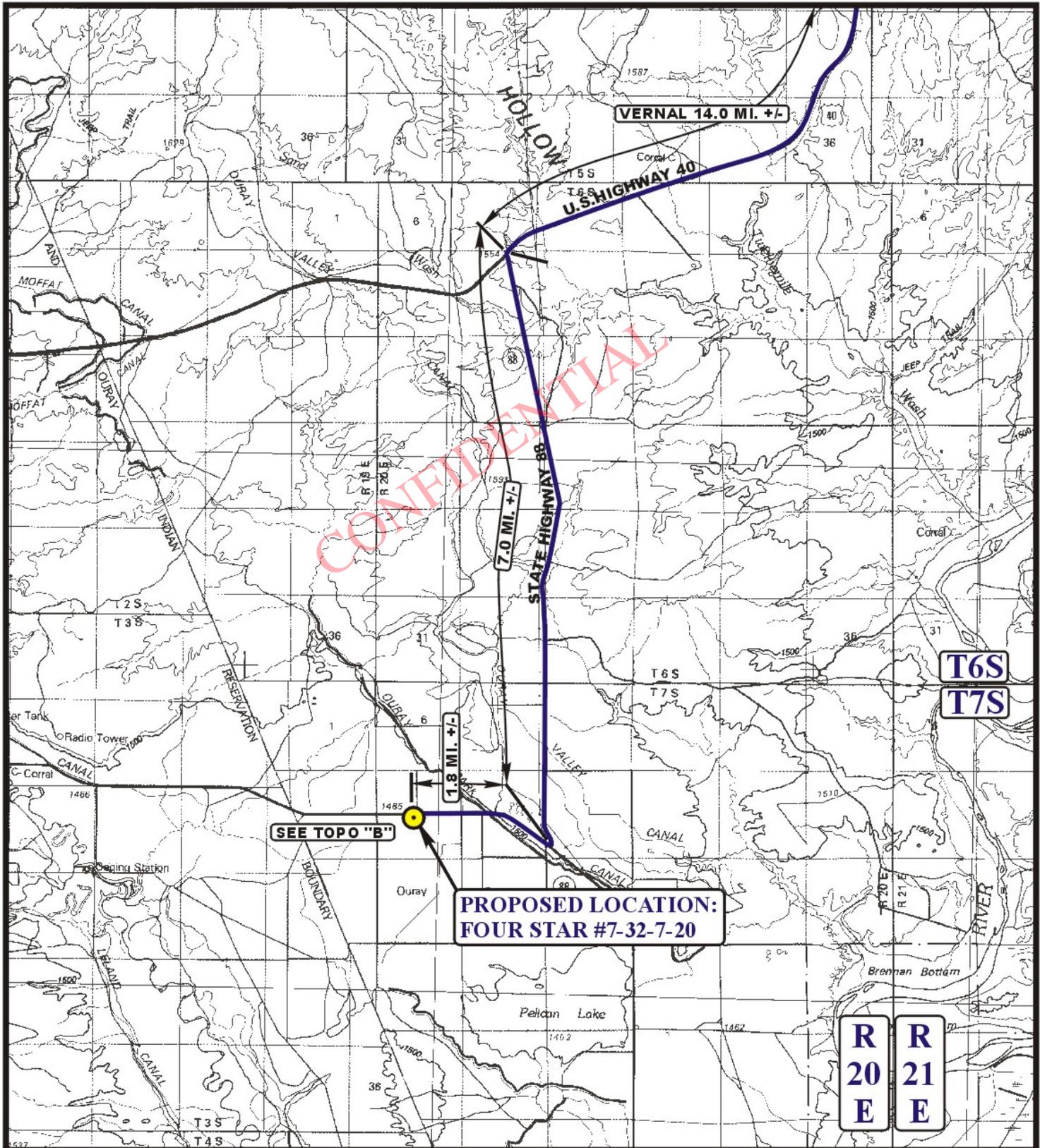
N00°30'31"W - 2651.78' (Meas.)

Nail



CONFIDENTIAL

APIWellNo:43047512850000



CONFIDENTIAL

SEE TOPO "B"

**PROPOSED LOCATION:
FOUR STAR #7-32-7-20**

**R R
20 21
E E**

**T6S
T7S**

LEGEND:

PROPOSED LOCATION

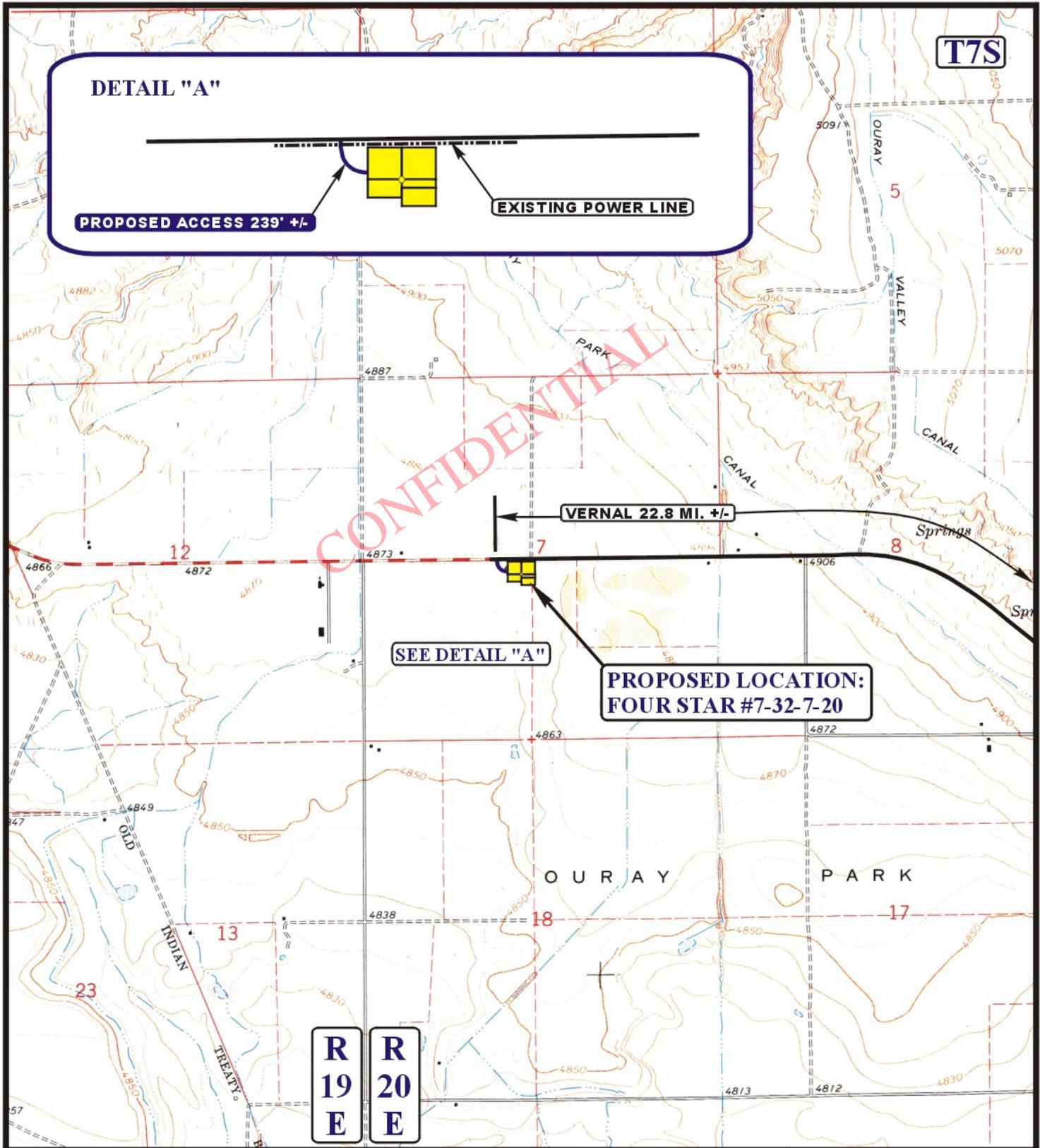


ELK RESOURCES, LLC

**FOUR STAR #7-32-7-20
SECTION 7, T7S, R20E, S.L.B.&M.
2425' FSL 2332' FWL**

UES **Utah Engineering & Land Surveying**
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC **12 23 09**
MAP MONTH DAY YEAR
SCALE: 1:100,000 DRAWN BY: J.H. REVISED: 00-00-00 **TOPO**



CONFIDENTIAL

DETAIL "A"

PROPOSED ACCESS 239' +/-

EXISTING POWER LINE

VERNAL 22.8 MI. +/-

SEE DETAIL "A"

**PROPOSED LOCATION:
FOUR STAR #7-32-7-20**

**R
19
E** **R
20
E**

LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- EXISTING POWERLINE

ELK RESOURCES, LLC

**FOUR STAR #7-32-7-20
SECTION 7, T7S, R20E, S.L.B.&M.
2425' FSL 2332' FWL**



Uintah Engineering & Land Surveying
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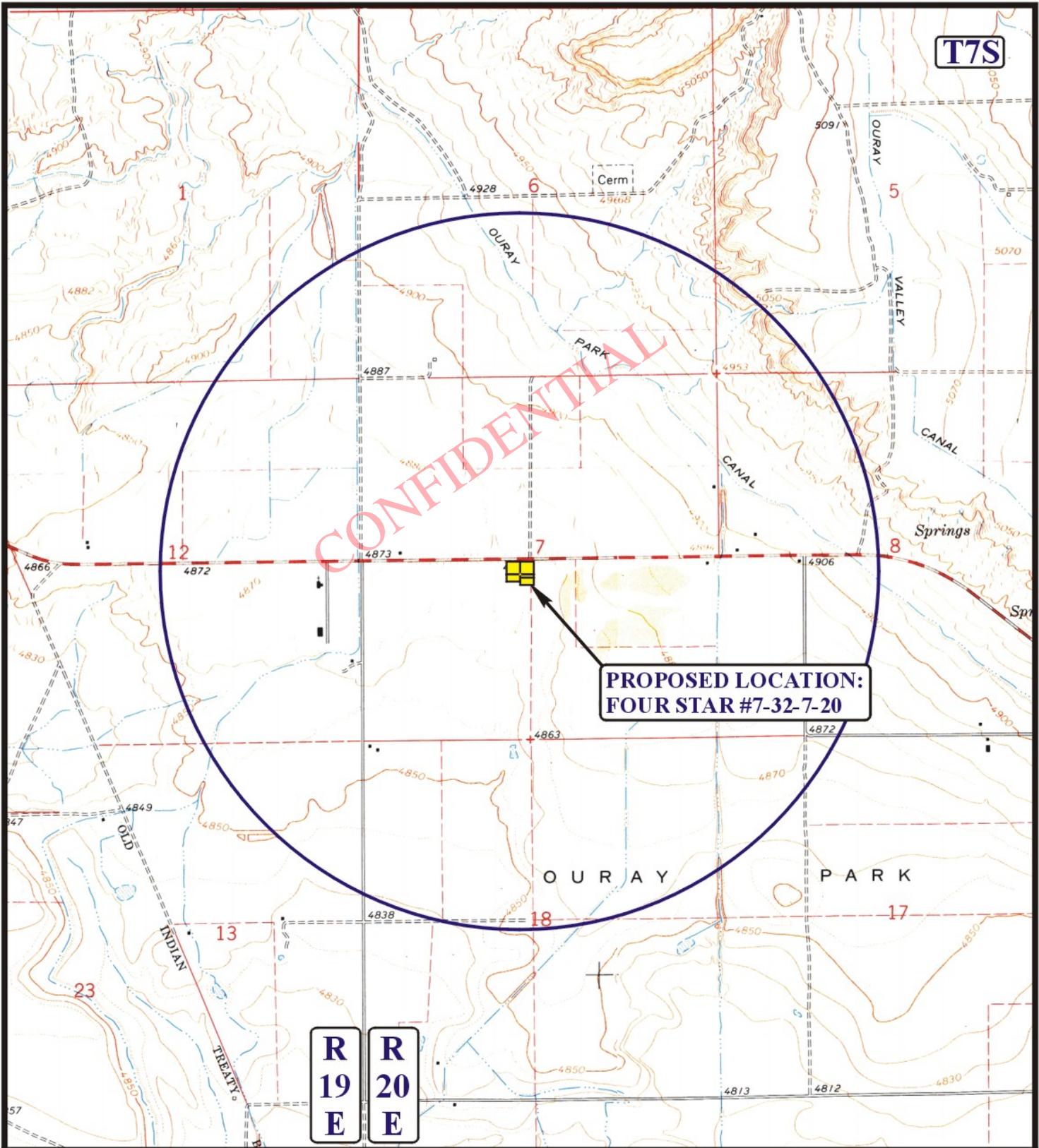


**TOPOGRAPHIC
MAP**

12 23 09
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.H. REVISED: 00-00-00

**B
TOPO**



**PROPOSED LOCATION:
FOUR STAR #7-32-7-20**

CONFIDENTIAL

LEGEND:

- ⊘ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ⊘ WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

ELK RESOURCES, LLC

**FOUR STAR #7-32-7-20
SECTION 7, T7S, R20E, S.L.B.&M.
2425' FSL 2332' FWL**

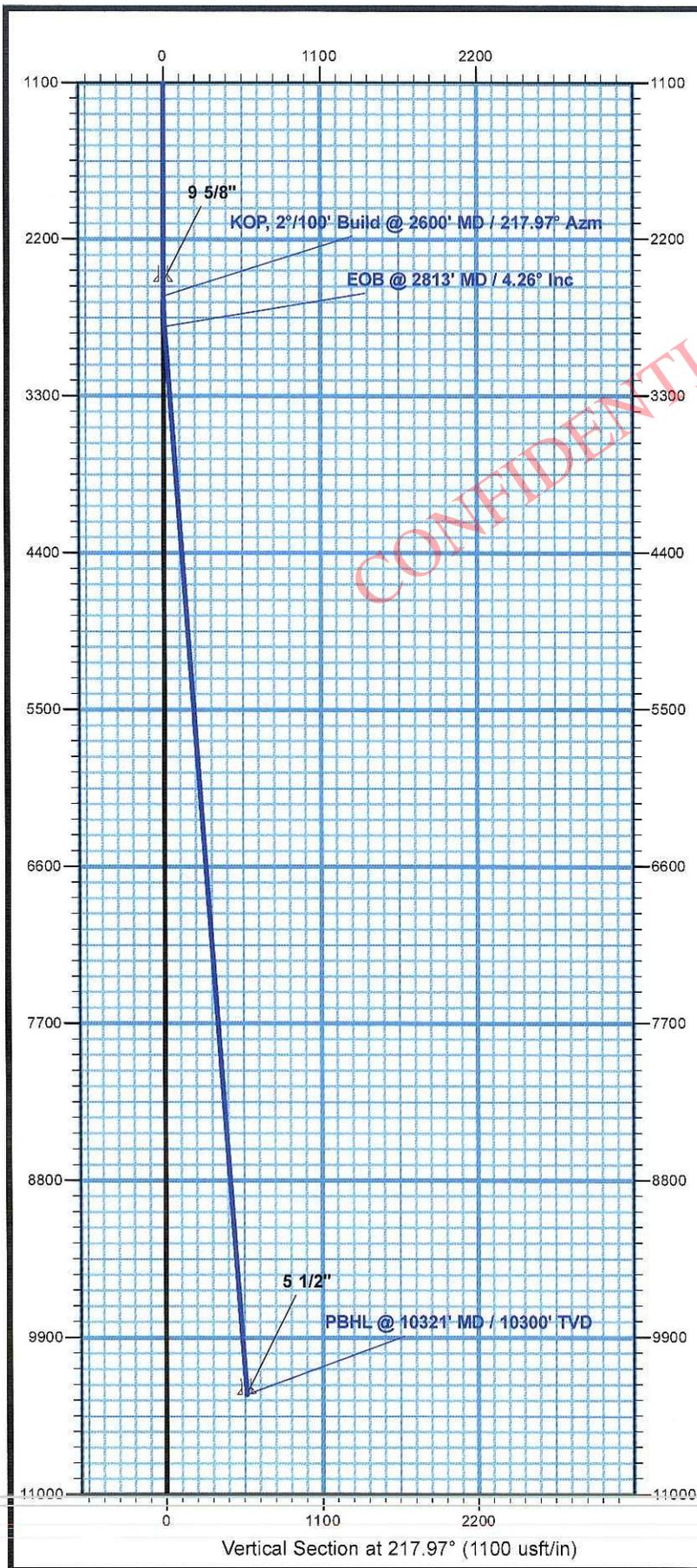


Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
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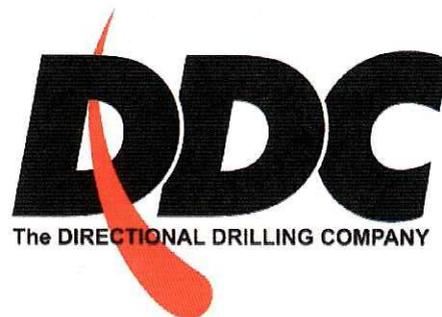


TOPOGRAPHIC MAP 12 23 09
MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: J.H. REVISED: 00-00-00





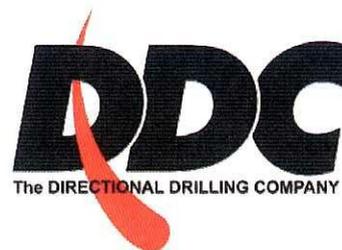
Eik Resources, LLC



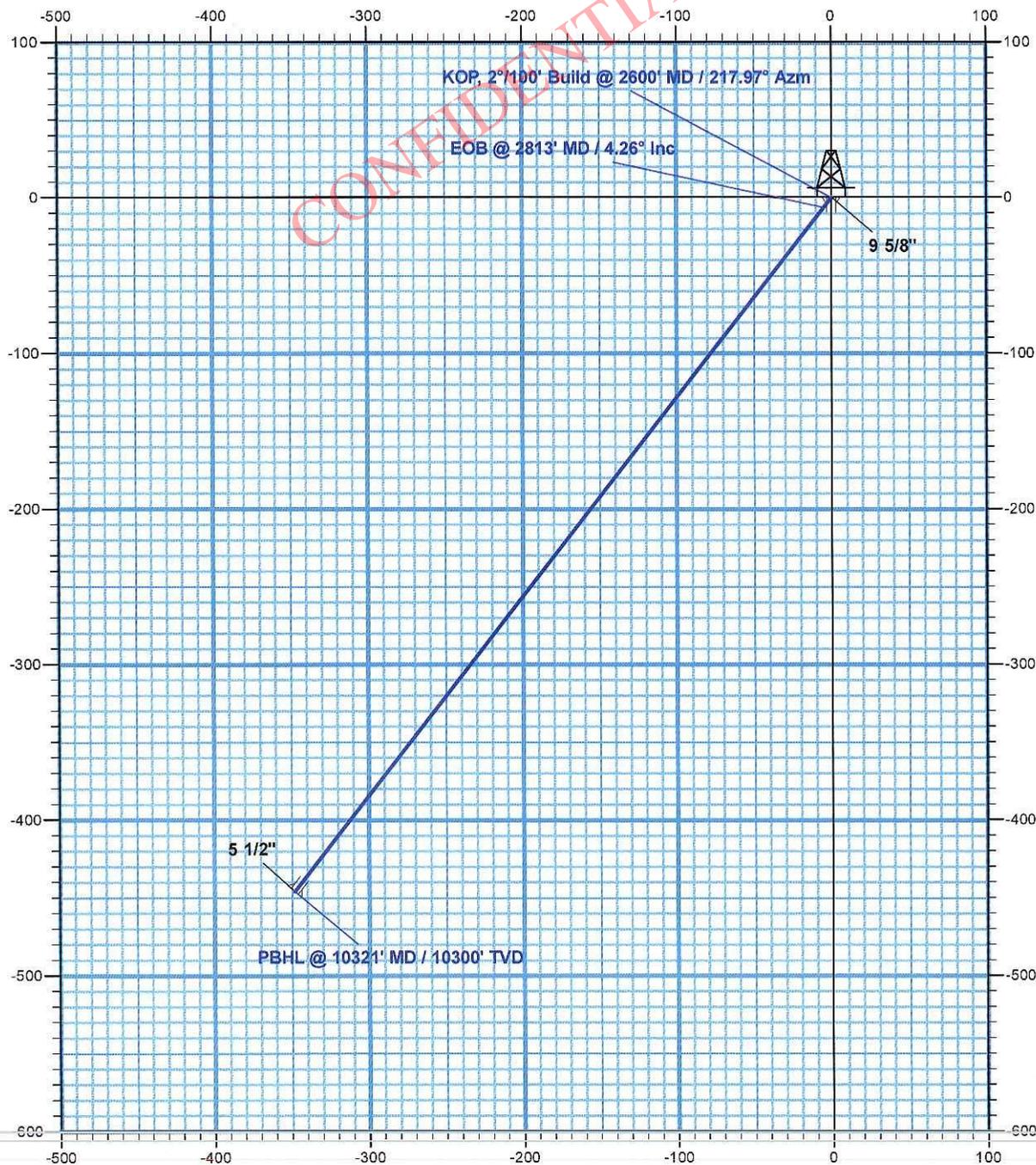
Uintah County, UT
Sec. 7, T7S, R20E, S.L.B & M.
Four Star #7-32-7-20
Wellbore #1
Design #1

Vertical Section at 217.97° (1100 usft/in)

Elk Resources, LLC



Uintah County, UT
Sec. 7, T7S, R20E, S.L.B & M.
Four Star #7-32-7-20
Wellbore #1
Design #1



DDC
Well Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Four Star #7-32-7-20
Company:	Elk Resources	TVD Reference:	WELL @ 4866.0usft (Original Well Elev)
Project:	Uintah County, UT	MD Reference:	WELL @ 4866.0usft (Original Well Elev)
Site:	Sec. 7, T7S, R20E, S.L.B & M.	North Reference:	True
Well:	Four Star #7-32-7-20	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	Uintah County, UT		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	Sec. 7, T7S, R20E, S.L.B & M.		
Site Position:		Northing:	7,255,478.00 usft
From:	Lat/Long	Easting:	2,139,279.58 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	40° 13' 28.150 N
		Longitude:	109° 42' 47.740 W
		Grid Convergence:	1.14 °

Well	Four Star #7-32-7-20		
Well Position	+N/-S	0.0 usft	Northing: 7,255,477.99 usft
	+E/-W	0.0 usft	Easting: 2,139,279.58 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	Latitude: 40° 13' 28.150 N
			Longitude: 109° 42' 47.740 W
			Ground Level: 4,866.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	8/16/2010	11.30	66.03	52,505

Design	Design #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	217.97

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,813.0	4.26	217.97	2,812.8	-6.2	-4.9	2.00	2.00	-66.67	217.97	
10,320.9	4.26	217.97	10,300.0	-445.9	-348.1	0.00	0.00	0.00	0.00	PBHL - Four Star #

DDC
Well Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Four Star #7-32-7-20
Company:	Elk Resources	TVD Reference:	WELL @ 4866.0usft (Original Well Elev)
Project:	Uintah County, UT	MD Reference:	WELL @ 4866.0usft (Original Well Elev)
Site:	Sec. 7, T7S, R20E, S.L.B & M.	North Reference:	True
Well:	Four Star #7-32-7-20	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
9 5/8"									
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
KOP, 2°/100' Build @ 2600' MD / 217.97° Azm									
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	2.00	217.97	2,700.0	-1.4	-1.1	1.7	2.00	2.00	0.00
2,800.0	4.00	217.97	2,799.8	-5.5	-4.3	7.0	2.00	2.00	0.00
EOB @ 2813' MD / 4.26° Inc									
2,813.0	4.26	217.97	2,812.8	-6.2	-4.9	7.9	2.00	2.00	0.00
2,900.0	4.26	217.97	2,899.6	-11.3	-8.8	14.4	0.00	0.00	0.00
3,000.0	4.26	217.97	2,999.3	-17.2	-13.4	21.8	0.00	0.00	0.00
3,100.0	4.26	217.97	3,099.0	-23.0	-18.0	29.2	0.00	0.00	0.00
3,200.0	4.26	217.97	3,198.7	-28.9	-22.6	36.7	0.00	0.00	0.00
3,300.0	4.26	217.97	3,298.5	-34.8	-27.1	44.1	0.00	0.00	0.00
3,400.0	4.26	217.97	3,398.2	-40.6	-31.7	51.5	0.00	0.00	0.00
3,500.0	4.26	217.97	3,497.9	-46.5	-36.3	59.0	0.00	0.00	0.00
3,600.0	4.26	217.97	3,597.6	-52.3	-40.8	66.4	0.00	0.00	0.00
3,700.0	4.26	217.97	3,697.4	-58.2	-45.4	73.8	0.00	0.00	0.00
3,800.0	4.26	217.97	3,797.1	-64.0	-50.0	81.2	0.00	0.00	0.00
3,900.0	4.26	217.97	3,896.8	-69.9	-54.6	88.7	0.00	0.00	0.00
4,000.0	4.26	217.97	3,996.5	-75.8	-59.1	96.1	0.00	0.00	0.00
4,100.0	4.26	217.97	4,096.2	-81.6	-63.7	103.5	0.00	0.00	0.00
4,200.0	4.26	217.97	4,196.0	-87.5	-68.3	111.0	0.00	0.00	0.00
4,300.0	4.26	217.97	4,295.7	-93.3	-72.8	118.4	0.00	0.00	0.00
4,400.0	4.26	217.97	4,395.4	-99.2	-77.4	125.8	0.00	0.00	0.00
4,500.0	4.26	217.97	4,495.1	-105.0	-82.0	133.2	0.00	0.00	0.00
4,600.0	4.26	217.97	4,594.9	-110.9	-86.6	140.7	0.00	0.00	0.00
4,700.0	4.26	217.97	4,694.6	-116.7	-91.1	148.1	0.00	0.00	0.00
4,800.0	4.26	217.97	4,794.3	-122.6	-95.7	155.5	0.00	0.00	0.00

DDC
Well Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Four Star #7-32-7-20
Company:	Elk Resources	TVD Reference:	WELL @ 4866.0usft (Original Well Elev)
Project:	Uintah County, UT	MD Reference:	WELL @ 4866.0usft (Original Well Elev)
Site:	Sec. 7, T7S, R20E, S.L.B & M.	North Reference:	True
Well:	Four Star #7-32-7-20	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,900.0	4.26	217.97	4,894.0	-128.5	-100.3	163.0	0.00	0.00	0.00
5,000.0	4.26	217.97	4,993.8	-134.3	-104.8	170.4	0.00	0.00	0.00
5,100.0	4.26	217.97	5,093.5	-140.2	-109.4	177.8	0.00	0.00	0.00
5,200.0	4.26	217.97	5,193.2	-146.0	-114.0	185.2	0.00	0.00	0.00
5,300.0	4.26	217.97	5,292.9	-151.9	-118.5	192.7	0.00	0.00	0.00
5,400.0	4.26	217.97	5,392.7	-157.7	-123.1	200.1	0.00	0.00	0.00
5,500.0	4.26	217.97	5,492.4	-163.6	-127.7	207.5	0.00	0.00	0.00
5,600.0	4.26	217.97	5,592.1	-169.5	-132.3	215.0	0.00	0.00	0.00
5,700.0	4.26	217.97	5,691.8	-175.3	-136.8	222.4	0.00	0.00	0.00
5,800.0	4.26	217.97	5,791.5	-181.2	-141.4	229.8	0.00	0.00	0.00
5,900.0	4.26	217.97	5,891.3	-187.0	-146.0	237.2	0.00	0.00	0.00
6,000.0	4.26	217.97	5,991.0	-192.9	-150.5	244.7	0.00	0.00	0.00
6,100.0	4.26	217.97	6,090.7	-198.7	-155.1	252.1	0.00	0.00	0.00
6,200.0	4.26	217.97	6,190.4	-204.6	-159.7	259.5	0.00	0.00	0.00
6,300.0	4.26	217.97	6,290.2	-210.4	-164.3	267.0	0.00	0.00	0.00
6,400.0	4.26	217.97	6,389.9	-216.3	-168.8	274.4	0.00	0.00	0.00
6,500.0	4.26	217.97	6,489.6	-222.2	-173.4	281.8	0.00	0.00	0.00
6,600.0	4.26	217.97	6,589.3	-228.0	-178.0	289.3	0.00	0.00	0.00
6,700.0	4.26	217.97	6,689.1	-233.9	-182.5	296.7	0.00	0.00	0.00
6,800.0	4.26	217.97	6,788.8	-239.7	-187.1	304.1	0.00	0.00	0.00
6,900.0	4.26	217.97	6,888.5	-245.6	-191.7	311.5	0.00	0.00	0.00
7,000.0	4.26	217.97	6,988.2	-251.4	-196.3	319.0	0.00	0.00	0.00
7,100.0	4.26	217.97	7,088.0	-257.3	-200.8	326.4	0.00	0.00	0.00
7,200.0	4.26	217.97	7,187.7	-263.2	-205.4	333.8	0.00	0.00	0.00
7,300.0	4.26	217.97	7,287.4	-269.0	-210.0	341.3	0.00	0.00	0.00
7,400.0	4.26	217.97	7,387.1	-274.9	-214.5	348.7	0.00	0.00	0.00
7,500.0	4.26	217.97	7,486.9	-280.7	-219.1	356.1	0.00	0.00	0.00
7,600.0	4.26	217.97	7,586.6	-286.6	-223.7	363.5	0.00	0.00	0.00
7,700.0	4.26	217.97	7,686.3	-292.4	-228.3	371.0	0.00	0.00	0.00
7,800.0	4.26	217.97	7,786.0	-298.3	-232.8	378.4	0.00	0.00	0.00
7,900.0	4.26	217.97	7,885.7	-304.2	-237.4	385.8	0.00	0.00	0.00
8,000.0	4.26	217.97	7,985.5	-310.0	-242.0	393.3	0.00	0.00	0.00
8,100.0	4.26	217.97	8,085.2	-315.9	-246.5	400.7	0.00	0.00	0.00
8,200.0	4.26	217.97	8,184.9	-321.7	-251.1	408.1	0.00	0.00	0.00
8,300.0	4.26	217.97	8,284.6	-327.6	-255.7	415.5	0.00	0.00	0.00
8,400.0	4.26	217.97	8,384.4	-333.4	-260.2	423.0	0.00	0.00	0.00
8,500.0	4.26	217.97	8,484.1	-339.3	-264.8	430.4	0.00	0.00	0.00
8,600.0	4.26	217.97	8,583.8	-345.1	-269.4	437.8	0.00	0.00	0.00
8,700.0	4.26	217.97	8,683.5	-351.0	-274.0	445.3	0.00	0.00	0.00
8,800.0	4.26	217.97	8,783.3	-356.9	-278.5	452.7	0.00	0.00	0.00
8,900.0	4.26	217.97	8,883.0	-362.7	-283.1	460.1	0.00	0.00	0.00
9,000.0	4.26	217.97	8,982.7	-368.6	-287.7	467.5	0.00	0.00	0.00
9,100.0	4.26	217.97	9,082.4	-374.4	-292.2	475.0	0.00	0.00	0.00
9,200.0	4.26	217.97	9,182.2	-380.3	-296.8	482.4	0.00	0.00	0.00
9,300.0	4.26	217.97	9,281.9	-386.1	-301.4	489.8	0.00	0.00	0.00
9,400.0	4.26	217.97	9,381.6	-392.0	-306.0	497.3	0.00	0.00	0.00
9,500.0	4.26	217.97	9,481.3	-397.9	-310.5	504.7	0.00	0.00	0.00
9,600.0	4.26	217.97	9,581.0	-403.7	-315.1	512.1	0.00	0.00	0.00
9,700.0	4.26	217.97	9,680.8	-409.6	-319.7	519.6	0.00	0.00	0.00
9,800.0	4.26	217.97	9,780.5	-415.4	-324.2	527.0	0.00	0.00	0.00
9,900.0	4.26	217.97	9,880.2	-421.3	-328.8	534.4	0.00	0.00	0.00
10,000.0	4.26	217.97	9,979.9	-427.1	-333.4	541.8	0.00	0.00	0.00
10,100.0	4.26	217.97	10,079.7	-433.0	-338.0	549.3	0.00	0.00	0.00
10,200.0	4.26	217.97	10,179.4	-438.8	-342.5	556.7	0.00	0.00	0.00

DDC
Well Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Four Star #7-32-7-20
Company:	Elk Resources	TVD Reference:	WELL @ 4866.0usft (Original Well Elev)
Project:	Uintah County, UT	MD Reference:	WELL @ 4866.0usft (Original Well Elev)
Site:	Sec. 7, T7S, R20E, S.L.B & M.	North Reference:	True
Well:	Four Star #7-32-7-20	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,300.0	4.26	217.97	10,279.1	-444.7	-347.1	564.1	0.00	0.00	0.00
PBHL @ 10321' MD / 10300' TVD - 5 1/2"									
10,320.9	4.26	217.97	10,300.0	-445.9	-348.1	565.7	0.00	0.00	0.00

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
PBHL - Four Star #7- - plan hits target center - Point	0.00	0.00	10,300.0	-445.9	-348.1	7,255,025.20	2,138,940.50	40° 13' 23.743 N	109° 42' 52.227 W

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
2,500.0	2,500.0	9 5/8"	9-5/8	12-1/4
10,320.9	10,300.0	5 1/2"	5-1/2	7-7/8

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
2,600.0	2,600.0	0.0	0.0	KOP, 2°/100' Build @ 2600' MD / 217.97° Azm
2,813.0	2,812.8	-6.2	-4.9	EOB @ 2813' MD / 4.26° Inc
10,320.9	10,300.0	-445.9	-348.1	PBHL @ 10321' MD / 10300' TVD

SURFACE DAMAGE AGREEMENT
FOUR STAR 7-32-7-20 WELL

THIS AGREEMENT dated July 20, 2010 by and between _____, whose address is
FOUR STAR RANCH, INC., whose address is
8281 N. TRAILS DRIVE, PARK CITY, UTAH 84098, hereinafter referred to as "Surface Owner", and
ELK RESOURCES, LLC, whose address is 1401 17TH STREET, SUITE 700, DENVER, CO 80202
hereinafter referred to as "Operator".

WITNESSETH:

WHEREAS, Surface Owner represents that they are the owners in fee and in possession of the surface estate for the following described lands in Utah County, Utah, hereinafter referred to as "Lands", to wit:

A Tract of land lying in the **NESW of Section 7, Township 7 South, Range 20 East, SLM** containing **3.990** acres of land, more or less, more particularly described on the plat attached hereto as "Exhibit A."

WHEREAS, Operator has or will acquire certain leasehold interests in the oil and gas mineral estate in the Lands and plans to conduct drilling and subsequent production operations on the Lands; and

WHEREAS, Surface Owner is generally aware of the nature of the operations which may be conducted under oil and gas leases covering the mineral estate of the Lands; and

WHEREAS, the parties believe that it is in their mutual best interest to agree to the amount of damages to be assessed incident to the operations of Operator on the premises in the exploration for, development and production of oil, gas and/or other leasehold substances under the terms of those certain oil and gas leases now owned or which may be acquired by Operator covering portions of the mineral estate of the Lands; and,

WHEREAS, the parties believe that a reasonable estimate can be made of the extent of damages which will result from the exploration, development and production operations contemplated by such oil and gas leases.

NOW, THEREFORE, in consideration of ten dollars and other valuable consideration, the sufficiency of which is hereby acknowledged, the parties agree as follows:

1. Operator has the right of ingress and egress and to the use of those portions of the Lands which it requires for oil and gas exploration, development and production operations, including tank batteries and other production facilities and the transportation of produced substances from the leasehold, and also the right to construct and use roads and pipelines across portions of the Lands. Operator shall pay Surface Owner as liquidated damages the following sum as full settlement and satisfaction of all damages growing out of, incident to, or in connection with the usual and customary exploration, drilling, completion, sidetracking, reworking, equipping and production operations, contemplated by the oil and gas leases covering the Lands, unless otherwise specifically provided herein:

a. Wellsite and Access. **Twenty-four thousand dollars (\$24,000.00)** for the **FOUR STAR 7-32-7-20** wellsite and related access road to be constructed and located on the Lands, together with any lands used for production facilities or other necessary facilities in connection with the wellsite. If, by reasons directly resulting from the operations of Operator, there is damage to real or personal property upon the Lands which is not associated with usual and customary operations, such as (but not limited to) damage to livestock, structures, buildings, fences, culverts, cement ditches, irrigation systems, and natural water ways, such damage will be repaired or replaced by Operator, or Operator will pay reasonable compensation to Surface Owner for such additional damage.

b. Power Lines and Pipelines. For each new power line or new pipeline installed by Operator, Operator shall pay to Owner the sum of **Ten dollars (\$10.00)** per rod for each such line. Operator shall be responsible for back filling, re-packing, re-seeding, and re-contouring the surface so as not to interfere with Owner's operations. Operator shall provide Owner with a survey showing the location of all power lines, pipelines and gathering systems promptly after their installation. All pipelines and gathering systems located by Operator on the Lands shall be buried to a depth of at least three (3) feet below the surface, and surface marked in accordance with industry standards. All easements and rights-of-way for power lines and pipelines shall be fifty (50) feet in width during initial construction and reclamation activities, and after completion of initial construction and reclamation activities such easements and rights-of-way shall revert to twenty-five (25) feet in width being twelve and one-half (12.5) feet on each side of the centerline of the line. Notwithstanding, Operator shall have the right to temporarily lay pipelines on the surface for a period not to exceed three years with the consent of the Owner, which consent shall not be unreasonably withheld. All power lines shall be installed underground to a depth of at least three (3) feet below the surface whenever reasonably practical to do so.

2. Operator agrees to consult with the surface owner and/or tenant as to all routes of ingress and egress. Prior to the construction of any roads, pipelines, tank battery installations, or installation of any other equipment on the leased premises, Operator shall consult with the surface owner and/or tenant as to the location and direction of same.

3. It is the intention of the parties hereto to cause as little interference with farming operations on the leased premises as reasonably possible, including but specifically not limited to the operation of any pivotal irrigation sprinkler system, or any other irrigation method. If any circular irrigation sprinkler system is in use at the time of initial drilling operations on the leased premises, then any subsequent production equipment, including but specifically not limited to pump jacks, hydraulic lifting equipment, or any other equipment necessary to produce any oil or gas from such well, shall be recessed to such depths, or ramps constructed, so as to allow the continued use of such circular irrigation system.

4. In the event any well hereunder is plugged and abandoned, Operator agrees that Operator will, within a reasonable time, restore Surface Owner's surface estate as near as practical to its original condition found prior to Operator's operations. It is understood and agreed that Surface Owner may elect in writing, prior to cessation of operations of Operator, to have any road constructed under the terms of this Agreement remain upon the property, in which event Operator agrees to leave such road or roads in reasonable condition.

5. Operator is responsible for acquiring all necessary permits, licenses, fees, etc. incident to its operations on the Lands.

6. In the event Surface Owner considers that Operator has not complied with all its obligations hereunder, both express and implied, Surface Owner shall notify Operator in writing, setting out specifically in what respects Operator has breached this contract. Operator shall then have sixty (60) days to meet or commence to meet all or any part of the breaches alleged by Surface Owner. The service of said notice shall be precedent to the bringing of any action by Surface Owner for any cause, and no such action shall be brought until the lapse of sixty (60) days after service of such notice on Operator. In the event of litigation, the prevailing party's reasonable attorney's fees will be paid by the opposing party.

7. Operator shall be responsible and shall remain liable for any environmental problems on the subject lands which are caused by or through its operations. This assumption of liability, however, does not include any third-party operations on the subject lands or any actions by Surface Owner which could cause environmental problems, but is limited solely to the actions of Operator. To the extent that any such claims are asserted, Operator will be responsible for any remediation required as provided by state regulations.

8. In the event Surface Owner owns less than the entire fee interest in the Lands, then any payment provided for in this Agreement shall be proportionately reduced to the interest owned.

9. This Agreement shall remain in full force and effect for a term of **10 years** from and after the date hereof and for so long thereafter as Operator's oil and gas exploration, development and production operations affecting the Lands continue.

10. When the word "Operator" is used in this Agreement, it shall also mean the successors and assigns of Operator, including but not limited to its employees and officers, agents, affiliates, contractors, subcontractors and/or purchasers.

11. This Agreement shall be binding upon and inure to the benefit of the heirs, successors and assigns of the parties.

ADDITIONAL PROVISIONS:

12. Operator shall pay Surface Owner the liquidated damages provided in paragraph 1.a. above in the following manner: 1) Operator shall pay Surface Owner **Nine Thousand Dollars (\$9,000.00)** upon approval of all necessary permits, whether one or more, required for Operator to commence and conduct the operations on the Lands anticipated by this Agreement, 2) Operator shall pay Surface Owner the sum **Nine Thousand Dollars (\$9,000.00)** prior to commencing any construction activities on the Lands, and 3) if operations have commenced on the Lands, Operator shall pay Surface Owner a final payment of **Six Thousand Dollars (\$6,000.00)** on either of April 1, 2011, or four (4) months subsequent to the commencement of operations, whichever is later.

execution of this Agreement, 8/28/11

SURFACE OWNER: *Four Star Ranch INC.*
David R. Seaman, Pres.

By: _____ By: _____

SS/Tax ID# *87-0356684*

STATE of *Utah* COUNTY of *Uintah* ACKNOWLEDGEMENT-INDIVIDUAL

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this *20* day of *July*, 20 *10*, personally appeared *David R. Seaman*

described herein and who executed the within and foregoing instrument of writing and acknowledged to me that identical person(s) _____ to me known to be the duly executed same as _____ free and voluntary act and deed for the uses and purposes herein set forth and in the capacity stated herein.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires: *7-3-11*

Julia Lynn Brakey
Notary Public:



DESIGNATION OF AGENT OR OPERATOR

The undersigned is, on record, the holder of oil and gas lease

LEASE NAME: Fee (Robert Felts)

LEASE NUMBER: Four Star 7-32-7-20

and hereby designates

NAME: Elk Resources, LLC

ADDRESS: 1401 17th Street, Suite 700

city Denver state CO zip 80202

as his (check one) agent / operator , with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Division Director or Authorized Agent may serve written or oral instructions in securing compliance with the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah with respect to:

(Describe acreage to which this designation is applicable. Identify each oil and gas well by API number and name. Attach additional pages as needed.)

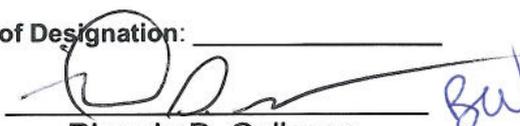
T7S R20E SLB&M, Section 7 NESW

It is understood that this designation of agent/operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah. It is also understood that this designation of agent or operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated agent/operator, the lessee will make full and prompt compliance with all rules, lease terms or orders of the Board of Oil, Gas and Mining of the State of Utah or its authorized representative.

The lessee agrees to promptly notify the Division Director or Authorized Agent of any change in this designation.

Effective Date of Designation: _____

BY: (Name) 

(Signature) Ricardo D. Gallegos

(Title) Attorney In Fact

(Phone) 720-876-5865

*BW
K40*

OF: (Company) Encana Oil & Gas (USA) Inc.

(Address) 370 17th Street, Suite 1700

city Denver

state CO zip 80202

CONFIDENTIAL

CONFIDENTIAL

INSTRUCTIONS

If a well is to be operated or a company's business is to be conducted by an individual or company other than the lessee, then a designation of agent or operator shall be submitted to the division prior to the commencement of operations. A designation of agent or operator will, for purposes of the general rules and orders, be accepted as evidence of authority of agent to fulfill the obligations of the owner, to sign any required documents or reports on behalf of the owner, and to receive all authorized orders or notices given by the board or the division. All changes of address and any termination of the designated agent's or operator's authority shall be promptly reported in writing to the division, and in the latter case a designation of a new agent or operator shall be promptly made.

Send to:

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

SURFACE USE PLAN

Four Star 7-32-7-20

Attachment to Permit to Drill

Current Surface Use

The proposed well site is located on agricultural land, which is irrigated with a pivot. In order to accommodate the farming operation of the surface owner, the well will be drilled directionally southwest from a surface location in a corner of the pivot to the bottom-hole location of the well. The proposed surface disturbance is specifically described on the location plats attached to this APD. There are no oil and/or gas wells located within a one mile radius of this area. A list and map of water wells located in the entire township of T7S R20E, SLM is attached hereto for reference.

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

The onsite inspection for the referenced well is pending with the Utah Division of Oil, Gas and Mining and the landowner.

1. Existing Roads:

- a. The proposed well site is located approximately 23 miles Southwest of Vernal, Utah.
- b. The following are directions to the proposed well site:

Proceed in a Westerly direction from Vernal, Utah along U.S. Highway 40 approximately 14 miles to the junction of State Highway 88 to the South; turn left and proceed in a Southerly direction approximately 7 miles to the junction of this road and an existing road to the West; turn right and proceed in a Westerly direction approximately 2 miles to the beginning of the proposed access to the South; follow road flags in a Southerly direction approximately 239' to the proposed location. See attached plat.
- c. The use of roads under Federal, State and County Road Department maintenance are necessary to access the Four Star 7-32-7-20 location. All existing roads will be maintained and kept in good repair during all phases of operation.
- d. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- e. Since no improvements are anticipated to the State, County, or BLM access roads, no topsoil striping will occur.

2. Planned Access Roads:

- a. From the existing surface county road, a new access is proposed trending Easterly approximately 240' feet to the proposed well site. The access consists of entirely new disturbance across uncultivated ground and crosses no significant drainages. Precautions will be made due to an existing power line running parallel to the existing county road.
- a. The proposed access road crosses surface owned by Four Star Ranch, Inc. A copy of the surface damage agreement is attached.
- b. The proposed access road will consist of a 20' wide travel surface within a 30' wide right of way.
- c. No turnouts are proposed since the access road is only 0.04 miles long and adequate site distance exists in all directions.
- d. No low water crossings are anticipated. Adequate drainage structures will be incorporated into the road.
- e. One gate is anticipated at this time as the fence is crossed leaving the paved surface.
- f. Surface disturbance and vehicular travel will be limited to the approved location access road.
- g. All access roads and surface disturbing activities will conform to the standards outlined in the surface use agreement.
- h. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Desert Brown to match the standard environmental colors. All facilities will be painted within six month of installation. Facilities required complying with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. If productive, a gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced.
- c. If productive, a tank battery will be constructed on this lease, it will be surrounded by a berm of sufficient capacity to contain the storage capacity of the largest tank
- d. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- e. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- f. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.

4. Location and Type of Water:

- a. Water for construction and drilling has been obtained through a direct purchase agreement with a third party.

5. Source of Construction Material:

- a. If any gravel is used, it will be obtained from a State-approved gravel pit.

6. Methods of Handling Waste Disposal:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried onsite.
- c. The reserve pit will be located outboard of the location and along the southeast side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with 12-mil minimum thickness plastic nylon-reinforced liner material. The liner will overlay a felt pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 1:1.5. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.
- h. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, saltwater or other produced fluids will be cleaned up and removed.
- i. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- j. Sanitary facilities will be onsite at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with State and County regulations.

7. Ancillary Facilities:

- a. Garbage containers and portable toilets are the only ancillary facilities proposed in this application.

8. Well Site Layout:

- a. The well will be properly identified in accordance with State regulations.
- b. Access to the well pad will be from the west.
- c. The pad and road designs are consistent with State specifications.
- d. A pre-construction meeting with responsible company representative, contractors, the Utah Division of Oil, Gas and Mining, and other persons associated with the management or construction of the well site will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size; however, it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specification in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- i. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a window on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- j. Pits will remain fenced until site cleanup.
- k. The blooie line will be located at least 100 feet from the well head.
- l. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

9. Plans for Restoration of the Surface:

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. The Operator will control noxious weeds along access road use authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the Utah Division of Oil, Gas and Mining or the appropriate County Extension Office.
- c. Upon well completion, any hydrocarbons in the pit shall be removed. Once the reserve pit is dry, the plastic nylon-reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours.
- d. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top soiled and re-vegetated. The stockpiled topsoil will be evenly distributed over the disturbed area.
- e. Prior to reseeding the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the landowner. .

10. Surface and Mineral Ownership:

- a. Surface Ownership: Four Star Ranch, Inc., 8281 N. Trails Drive, Park City, Utah 84098, (435) 649-8399
- b. Mineral Ownership: Marshall Felts, 8456 Gad Way, Sandy, Utah 84093 and Susan Felts Charles 3864 Fairview Drive, Hood River, Oregon 97031

11. Other Information:

- a. A fee surface damage agreement with Four Star Ranch, Inc. is attached.

13. Operator's Representative and Certification:

I hereby certify that I, or person under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated with operations herein will be performed by X (construction contractor has not been determined) and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Name and Title SR Williams
Sharon Regan Williams
Vice President Land & Negotiations

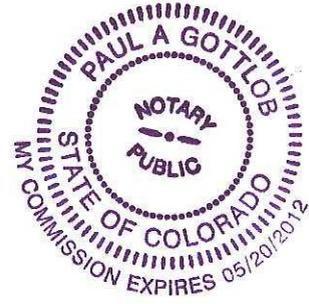
STATE OF COLORADO
COUNTY OF DENVER

CONFIDENTIAL

Subscribed and sworn to before me this 14th September ~~26th~~ day of July, 2010.

My commission Expires: 5-20-2012

Paul A. Gottlob
Notary Public



[Online Services](#)[Agency List](#)[Business](#)

Utah Division of Water Rights



Well Log Search

Well Logs for entire township of township 7S range 20E SLbm

Listed below is information on wells which are tied to water rights or non-production well permits. Wells older than 1992 may not be connected to the permit database. Use the **STR Logs** button above to look for older wells by section which may not be tied to the permitting system.

WRNUM/Appl. No.	Diameter	Depth	Drilled Date	Location(link to Log)	Geologic Log
43-3573	6.0	70.0	05/22/1974	N 1353 E 10 W4 04 7S 20E SL	
0143006P00	0.0	0.0	-	N 1200 E 10 W4 04 7S 20E SL	
0143006P00	14.0	30.0	06/12/2002	S 10 E 10 W4 04 7S 20E SL	
0043001P00	0.0	0.0	-	N 20 W 1320 E4 05 7S 20E SL	
t24734	6.0	51.0	09/16/2000	N 20 W 1320 E4 05 7S 20E SL	
a26713	14.0	53.0	06/10/2002	N 20 W 1310 E4 05 7S 20E SL	
43-11053					
a34744	0.0	0.0	11/03/2008	S 850 W 925 E4 05 7S 20E SL	
0743001M00	0.0	0.0	05/08/2007	N 332 W 555 SE 08 7S 20E SL	
0743001M00	8.0	40.0	06/06/2007	S 378 W 330 E4 08 7S 20E SL	
0043002P00	10.0	40.0	02/22/2002	N 150 E 600 S4 09 7S 20E SL	
0243002P00	0.0	30.0	02/22/2002	N 1100 W 1300 SE 09 7S 20E SL	
0743027M00	8.0	30.0	06/14/2007	N 421 E 2508 SW 09 7S 20E SL	
43-11315	12.0	16.0	-	S 87 W 474 E4 09 7S 20E SL	
43-6875	6.0	47.0	06/08/1974	N 1150 E 40 SW 10 7S 20E SL	
43-3748	8.0	15.0	06/10/1964	N 60 E 66 SW 13 7S 20E SL	
43-11076	0.0	0.0	09/06/2000	N 110 E 523 SW 13 7S 20E SL	
0143005P00	0.0	0.0	-	N 1900 W 20 SE 15 7S 20E SL	
0243006P00	0.0	0.0	-	N 1900 W 20 SE 15 7S 20E SL	
43-4953	0.0	0.0	-	N 629 W 1557 SE 22 7S 20E SL	
0743003M00	8.0	30.0	06/11/2007	N 630 W 1525 SE 22 7S 20E SL	
0643004M00	6.0	80.0	09/07/2006	N 100 E 2200 W4 24 7S 20E SL	
0643004M00	6.0	80.0	09/09/2006	N 100 E 2400 W4 24 7S 20E SL	
43-12035	8.0	120.0	04/18/2008	N 165 E 165 W4 27 7S 20E SL	
43-11936					
43-11936	4.0	125.0	04/19/2008	S 71 E 1844 NW 27 7S 20E SL	
43-11876					
0843018M00	8.0	109.0	11/13/2008	N 110 E 275 W4 27 7S 20E SL	
43-11936					
43-11238	6.0	141.0	01/26/1981	N 216 W 115 SE 28 7S 20E SL	
43-8875					
43-11238	10.0	172.0	-	N 210 W 125 SE 28 7S 20E SL	
0843020M00	6.0	164.0	01/11/2009	N 240 W 230 SE 28 7S 20E SL	
43-11097	6.0	308.0	03/01/2001	N 350 E 1200 SW 33 7S 20E SL	
43-8372	6.0	110.0	09/23/1981	N 660 W 2590 E4 34 7S 20E SL	
49-2203	8.0	70.0	05/11/2006	N 100 W 1050 SE 34 7S 20E SL	





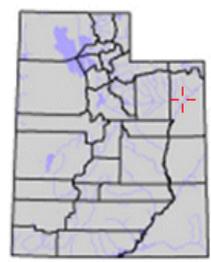
Zoom In Mode

Display	Layer Name
<input type="checkbox"/>	Counties
<input checked="" type="checkbox"/>	Public Land Survey
<input type="checkbox"/>	Roads
<input type="checkbox"/>	Rivers and Streams
<input type="checkbox"/>	Water Right Areas
<input type="checkbox"/>	Base Map

Aerial Photographs

Legend

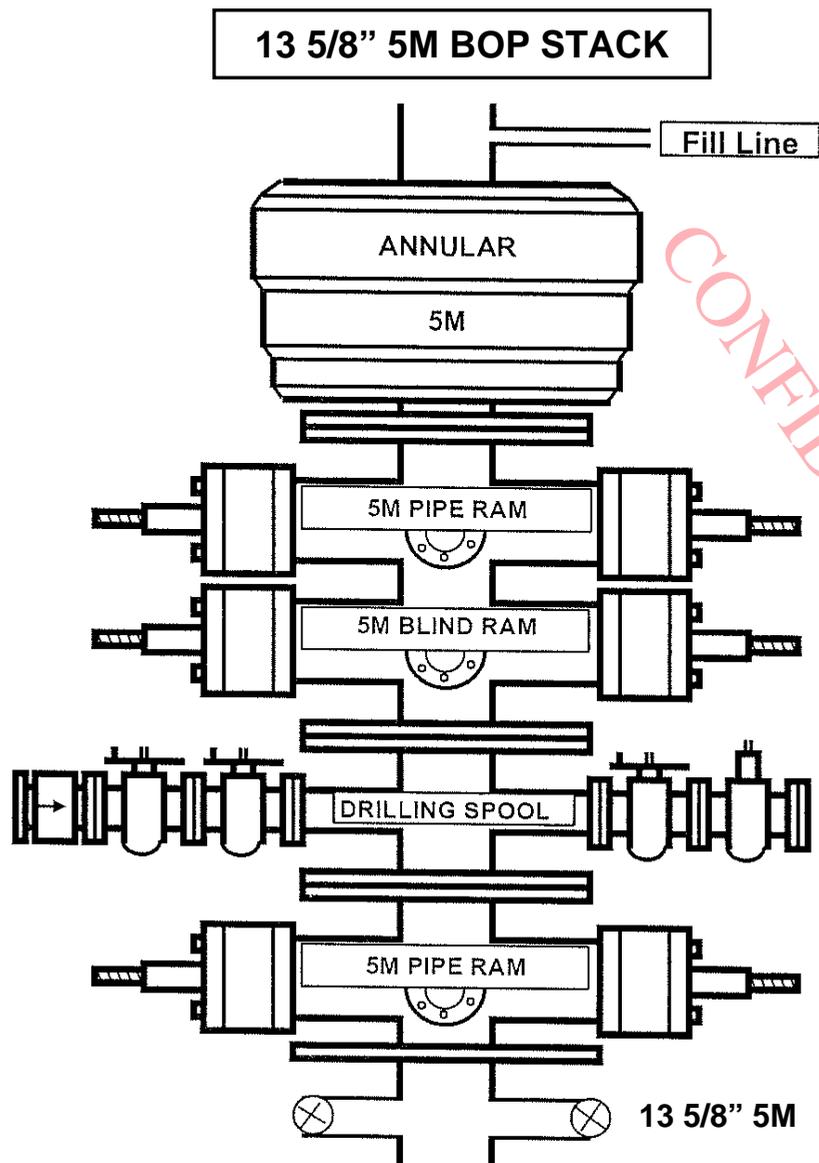
- Geologic
- ♦ Wells
- Townships
- Sections



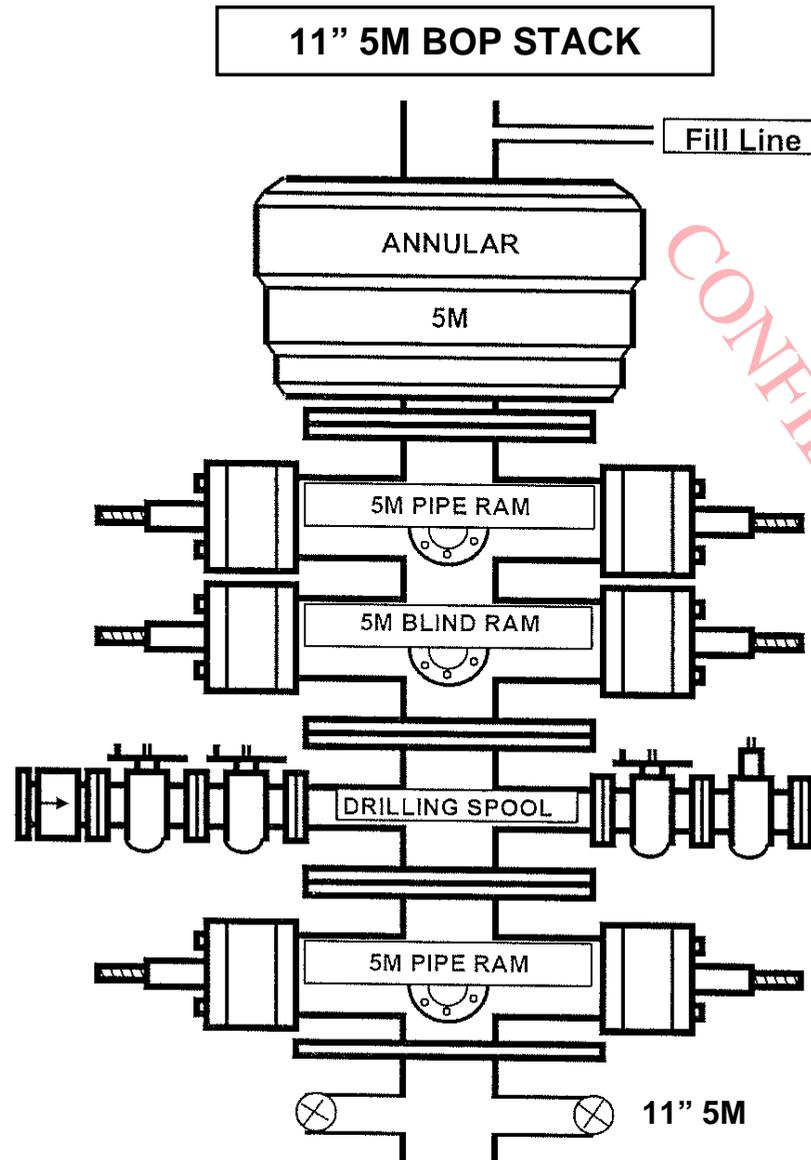
0 2200 4400 6600 8800 ft

0 0.4 0.8 1.2 1.6 mi

TYPICAL BLOWOUT PREVENTER ROTARY



TYPICAL BLOWOUT PREVENTER ROTARY



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: Elk Resources, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1401 17th Street, Suite 700 <small>CITY</small> Denver <small>STATE</small> CO <small>ZIP</small> 80202		7. UNIT or CA AGREEMENT NAME: Aurora (Deep) Unit
PHONE NUMBER: (303) 296-4505		8. WELL NAME and NUMBER: Four Star 7-32-7-20
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2425' FSL, 2332' FWL		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 7 7S 20E S		10. FIELD AND POOL, OR WLD/CDAT: Wildcat
COUNTY: UINTAH		
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

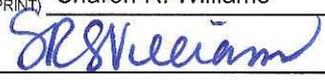
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 12/1/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Elk requests authority to commingle production from the Wasatch and Green River formations in the referenced well bore. Elk plans to drill and complete the well to obtain production from the Wasatch formation at approximately 8115', and from numerous zones in the Green River formation between 3973' and 6940'.

Elk has complied with Utah DOGM Rule R649-3-22 by sending a copy of this application to all owners of all contiguous oil and gas leases and drilling units adjacent to this well and the overlying pools to be commingled, along with a plat showing the relative offsetting wells and leases/drilling units.

The mineral and leasehold interests are identical for each zone. The Green River and Wasatch formations at this location are not subject to DOGM spacing orders, and are located within the Aurora (Deep) Unit. Therefore, Elk will not allocate production for reporting purposes to each zone individually, but the commingled production stream will be reported as the combined Green River/Wasatch formations.

NAME (PLEASE PRINT) <u>Sharon R. Williams</u>	TITLE <u>Vice President Land & Negotiations</u>
SIGNATURE 	DATE <u>9/14/2010</u>

(This space for State use only)

SURETY RIDER NO. 2

To be attached to and form a part of Bond No. B000969 on behalf of Elk Production, LLC and Elk Resources, Inc., as Principal, executed by U.S. Specialty Insurance Company, as Surety, for the benefit of the State of Utah, Department of Natural Resources, as Obligee.

Executed date of bond: July 8, 2004
Effective date of change: April 17, 2008

In consideration of the mutual agreement contained herein, the Principal and the Surety hereby consent to the following changes:

The *Principal's Name* has changed from:

Elk Production, LLC and Elk Resources, Inc.

to:

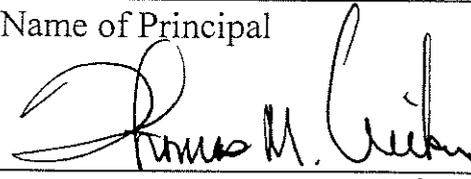
Elk Production, LLC and Elk Resources, LLC

Nothing contained herein shall vary, alter or extend any provision, term or condition of this bond except as expressly stated herein.

SIGNED, SEALED AND DATED THIS: 17th day of April, 2008.

Elk Production, LLC and Elk Resources, LLC

Name of Principal



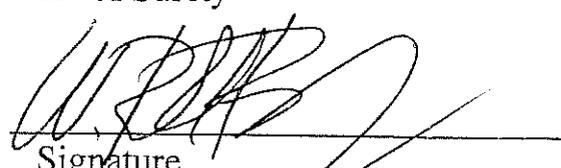
Signature THOMAS M. WILSON

CEO

Name and title of person signing on behalf of Principal

U.S. Specialty Insurance Company

Name of Surety



Signature

W. Russell Brown, Jr., Attorney-in-Fact

Name and title of person signing on behalf of Surety

POWER OF ATTORNEY

(To be used with bonds issued on behalf of U. S. SPECIALTY INSURANCE COMPANY)

Know All Men by These Presents That, U. S. SPECIALTY INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Texas, and having its principal office in Houston, Harris County, Texas, does by these presents make, constitute and appoint

W. Russell Brown, Jr., Edwin H. Frank, III

its true and lawful Attorney(s)-in-fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings or other instruments or contracts of suretyship to include riders, amendments, and consents of surety, providing the bond penalty does not exceed Three Million Dollars (\$3,000,000.00) and to bind the Company thereby as fully and to the same extent as if such bonds were signed by the President, sealed with the corporate seal of the Company and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney(s)-in-Fact may do in the premises. Said appointment is made under and by authority of the following resolutions of the Board of Directors of the U. S. Specialty Insurance Company:

Be it Resolved, that the President, any Vice-President, any Assistant Vice-President, any Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

Attorney-in-Fact may be given full power and authority for and in the name of and of behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements or indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be binding upon the Company as if signed by the President and sealed and effected by the Corporate Secretary.

Be it Resolved, that the signature of any authorized officer and seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signature or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached. (Adopted by unanimous written consent in lieu of meeting on May 30, 2003.)

In Witness Whereof, U. S. SPECIALTY INSURANCE COMPANY has caused these presents to be signed by its President, and its corporate seal to be hereto affixed this 3rd day of April, 2008.

U. S. SPECIALTY INSURANCE COMPANY

By

Michael J. Schell, President

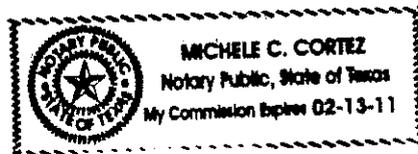
Corporate Seal

State of Texas

County of Harris ss:

On this 3rd day of April, 2008 before me personally came Michael J. Schell, to me known, who, being by me duly sworn, did depose and say, that he resides in Houston, Texas, that he is President of U. S. SPECIALTY INSURANCE COMPANY, the company described in and which executed the above instrument; that he knows the seal of said Company; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Company; and that he signed his name thereto by like order.

Notary Seal



Michele C Cortez Notary Public
My commission expires 2/13/11

I, James L. Simmons, Secretary of U. S. SPECIALTY INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Company, which is still in full force and effect; furthermore, the resolutions of the Board of Directors, set out in the Power of Attorney are in full force and effect.

In Witness Whereof, I have hereunto set my hand and affixed the seal of said Company at Houston, Texas this 17th day of April, 2008.

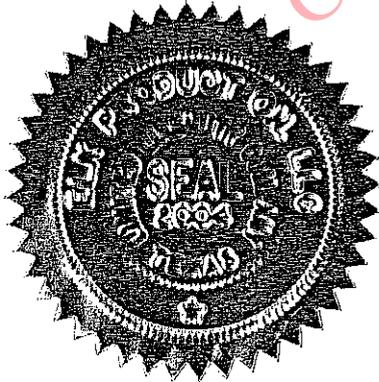
Corporate Seal

James L. Simmons, Secretary

ATTACHMENT TO BOND #B000969

SIGNED, SEALED AND DATED THIS: April 12, 2005

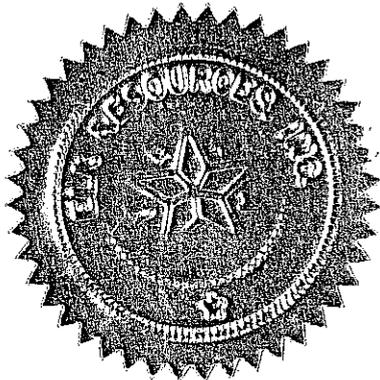
CONFIDENTIAL



Elk Production, LLC
Name of Principal

Richard P. Crist
Signature

Richard P. Crist
Chief Operating Officer
Name and title of person
Executing for Principal



Elk Resources, Inc.
Name of Principal

Richard P. Crist
Signature

Richard P. Crist
Chief Operating Officer
Name and title of person
Executing for Principal

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

September 23, 2010

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2010 Plan of Development Aurora Unit, Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well's total depth and targets have been modified. The well was originally planned to be drilled as a Green River well to a depth of 8000 feet. It is now planned as a Green River-Wasatch well to a depth of 10,321 feet (please see 2010 Plan of Development approved April 13, 2010).

API#	WELL NAME	LOCATION
(Proposed PZ Green River-Wasatch)		
43-047-51285	Four Star	7-32-7-20 Sec 7 T07S R20E 2425 FSL 2332 FWL BHL Sec 7 T07S R20E 1980 FSL 1980 FWL

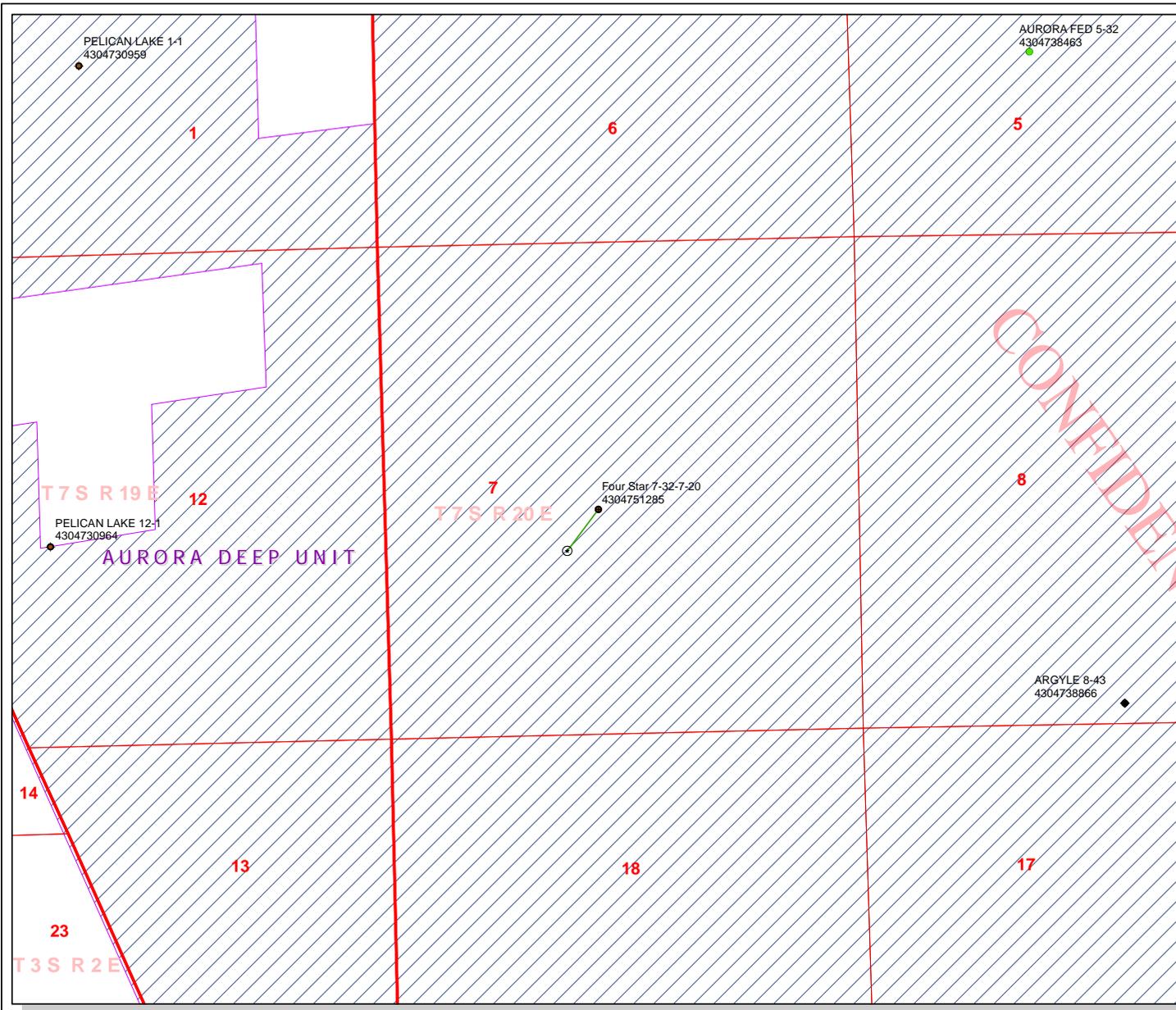
This office has no objection to permitting the well at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management,
ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2010.09.23 14:06:48 -06'00'

bcc: File - Aurora Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

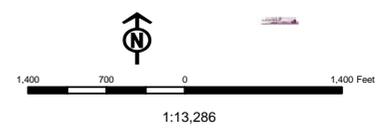
MCoulthard:mc:9-23-10



API Number: 4304751285
Well Name: Four Star 7-32-7-20
Township 07.0 S Range 20.0 E Section 07
Meridian: SLBM
Operator: ELK RESOURCES LLC

Map Prepared:
 Map Produced by Diana Mason

- | | |
|-----------------------------|--------------------------------------|
| Units | Wells Query |
| STATUS | ✕ -all other values- |
| ACTIVE | ◆ APD - Approved Permit |
| EXPLORATORY | ⦿ DRL - Spudded (Drilling Commenced) |
| GAS STORAGE | ⦿ GW - Gas Injection |
| NF PP OIL | ⦿ GS - Gas Storage |
| NF SECONDARY | ⊗ LA - Location Abandoned |
| PI OIL | ⊕ LOC - New Location |
| PP GAS | ⊗ OPS - Operation Suspended |
| PP GEOTHERMAL | ⊗ PA - Plugged Abandoned |
| PP OIL | ⊗ PGW - Producing Gas Well |
| SECONDARY | ⊗ PDW - Producing Oil Well |
| TERMINATED | ⊗ RET - Returned APD |
| Fields | ⊗ SGW - Shut-in Gas Well |
| Sections | ⊗ SOW - Shut-in Oil Well |
| Township | ⊗ TA - Temp. Abandoned |
| Bottom Hole Location - AGRC | ⊗ TW - Test Well |
| | ⊗ WDW - Water Disposal |
| | ⊗ WW - Water Injection Well |
| | ⊗ WSW - Water Supply Well |



CONFIDENTIAL

Well Name	ELK RESOURCES, LLC Four Star 7-32-7-20 43047512850000			
String	Cond	Surf	Prod	
Casing Size(")	13.375	9.625	5.500	
Setting Depth (TVD)	800	4500	10300	
Previous Shoe Setting Depth (TVD)	0	800	4500	
Max Mud Weight (ppg)	8.3	8.8	9.4	
BOPE Proposed (psi)	0	5000	5000	
Casing Internal Yield (psi)	2730	5750	7740	
Operators Max Anticipated Pressure (psi)	4850		9.1	

Calculations	Cond String	13.375	"
Max BHP (psi)	.052*Setting Depth*MW=	345	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	249	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	169	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	169	NO Reasonable depth
Required Casing/BOPE Test Pressure=		800	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

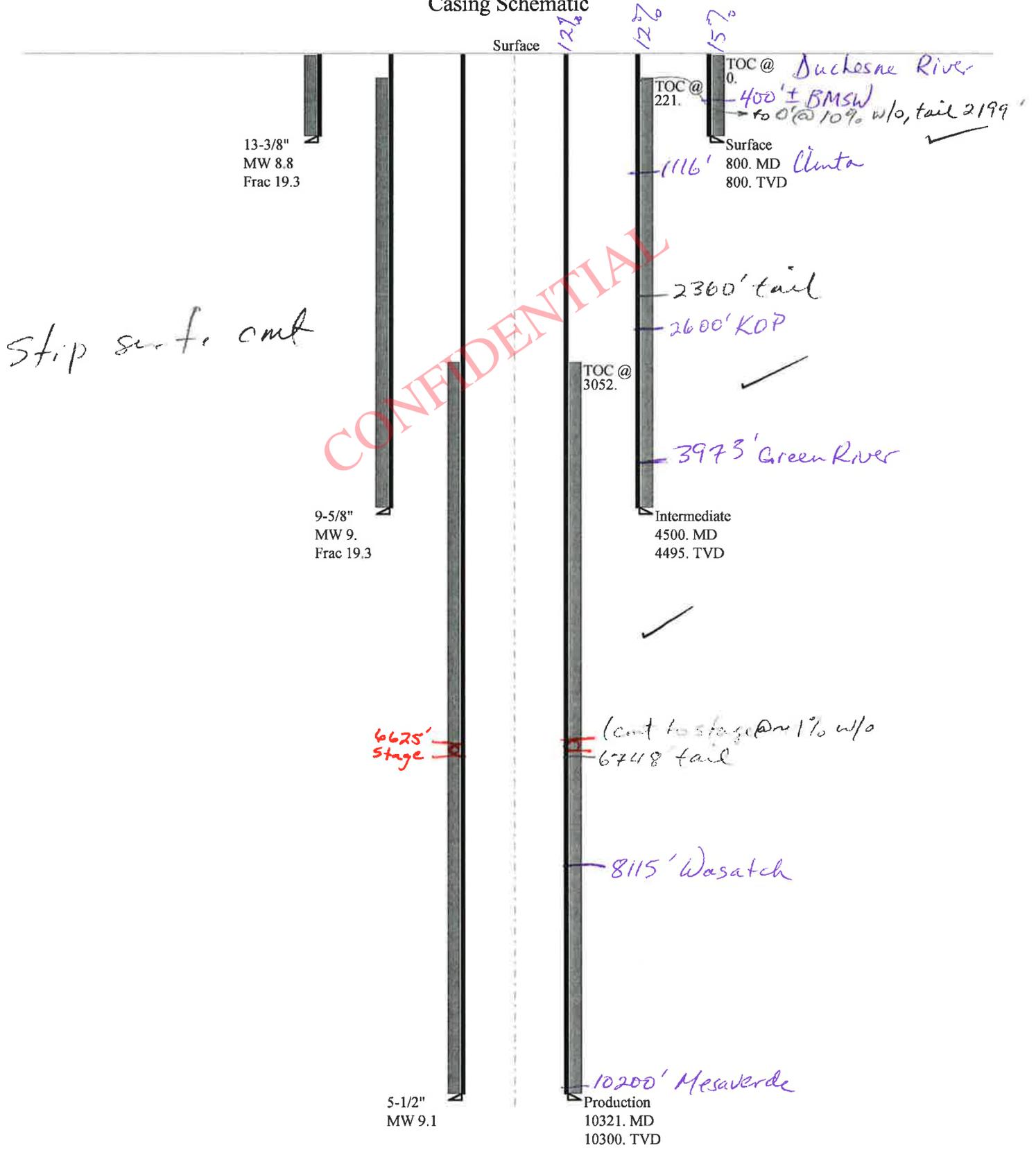
Calculations	Surf String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	2059	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	1519	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1069	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1245	NO Reasonable
Required Casing/BOPE Test Pressure=		4025	psi
*Max Pressure Allowed @ Previous Casing Shoe=		800	psi *Assumes 1psi/ft frac gradient

Calculations	Prod String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	5035	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3799	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2769	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3759	YES OK
Required Casing/BOPE Test Pressure=		5000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		4500	psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

43047512850000 Four Star 7-32-7-20

Casing Schematic



Well name:	43047512850000 Four Star 7-32-7-20		
Operator:	ELK RESOURCES, LLC		
String type:	Surface	Project ID:	43-047-51285
Location:	UINTAH	COUNTY	

Design parameters:

Collapse

Mud weight: 8.800 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 85 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 800 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 704 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 800 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.60 (B)

Tension is based on air weight.
 Neutral point: 696 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 10,300 ft
 Next mud weight: 9.000 ppg
 Next setting BHP: 4,816 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 800 ft
 Injection pressure: 800 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	800	13.375	54.50	J-55	ST&C	800	800	12.49	9926
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	366	1130	3.090	800	2730	3.41	43.6	514	11.79 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Mining

Phone: 801 538-5357
 FAX: 801-359-3940

Date: November 3, 2010
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 800 ft, a mud weight of 8.8 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43047512850000 Four Star 7-32-7-20		
Operator:	ELK RESOURCES, LLC		
String type:	Intermediate	Project ID:	43-047-51285
Location:	UINTAH COUNTY		

Design parameters:

Collapse

Mud weight: 9.000 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 137 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,000 ft

Cement top: 221 ft

Burst

Max anticipated surface pressure: 2,603 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 3,592 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.60 (B)

Tension is based on air weight.
 Neutral point: 3,896 ft

Directional well information:

Kick-off point 2600 ft
 Departure at shoe: 133 ft
 Maximum dogleg: 2 °/100ft
 Inclination at shoe: 4.26 °

Re subsequent strings:

Next setting depth: 10,300 ft
 Next mud weight: 9.100 ppg
 Next setting BHP: 4,869 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 4,495 ft
 Injection pressure: 4,495 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	4500	9.625	40.00	N-80	LT&C	4495	4500	8.75	57257
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	2101	3090	1.470	3592	5750	1.60	179.8	737	4.10 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Mining

Phone: 801 538-5357
 FAX: 801-359-3940

Date: November 9, 2010
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 4495 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Well name:	43047512850000 Four Star 7-32-7-20		
Operator:	ELK RESOURCES, LLC		
String type:	Production	Project ID:	43-047-51285
Location:	UINTAH	COUNTY	

Design parameters:

Collapse

Mud weight: 9.100 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 218 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft
Cement top: 3,052 ft

Burst

Max anticipated surface pressure: 2,603 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 4,869 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Directional well information:

Kick-off point 2600 ft
Departure at shoe: 566 ft
Maximum dogleg: 2 °/100ft
Inclination at shoe: 4.26 °

Tension is based on air weight.
Neutral point: 8,896 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	10321	5.5	17.00	N-80	LT&C	10300	10321	4.767	58173
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	4869	6290	1.292	4869	7740	1.59	175.1	348	1.99 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: November 3, 2010
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 10300 ft, a mud weight of 9.1 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator	ELK RESOURCES LLC				
Well Name	Four Star 7-32-7-20				
API Number	43047512850000	APD No	3016	Field/Unit	WILDCAT
Location: 1/4,1/4	NESW	Sec 7	Tw 7.0S	Rng 20.0E	2425 FSL 2332 FWL
GPS Coord (UTM)	609539	4453262	Surface Owner	Four Star Ranch, Inc.	

Participants

See Other Comments.

Regional/Local Setting & Topography

The general location is in the north end of Ouray Park and northwest of Pelican Lake in Uintah County. The general area is characterized by a long valley extending from the hills which form an elevated bench to the north, south to the Green River and beyond. Much of the area in the north end of the valley is used for agricultural lands irrigated with sprinkler systems. Vernal, Utah is approximately 21 air miles and 23 road miles to the northeast. Access is by State of Utah Highways. Approximately 239 feet of new road across private land will be constructed.

The proposed location for the Four Star Ranch 7-32-7-20 oil well is on private land located immediately south of the paved highway which leads to Randlett. The highway is straight for a long distance and should not create a safety concern for entrance to and departure from the site. A wide approach off the south side of the highway is planned. The pad will be located on a non-irrigated area between a corn field and the highway. The southwest corner of the pad will be rounded to avoid the irrigated field. Mr. David Yehman of Four Star Ranch was in attendance and was in agreement with the location and the requirements of the signed Surface Use Agreement. The well is a significant distance outside the normal drilling window and will be directionally drilled to miss the irrigated crop land to the south. The site is flat with no apparent slope. Maximum cut is 2.9 feet on the northeast corner near the highway and fill of 0.7 feet next to the cornfield. A short section on the east end of the pad will be reclaimed along with the reserve pit following drilling of the well. Elk Resources will add road base to the access road and location as needed to harden the surface and reduce the dust. No springs, streams or open water is in the immediate area. The minerals are also private, owned by another party.

Surface Use Plan

Current Surface Use

- Grazing
- Agricultural
- Recreational
- Wildlife Habitat
- Residential

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.05	Width 310 Length 400	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Livestock occasionally graze the area during the non-crop season. Prairie dogs are common; coyotes, small mammals and birds may be present.

A weedy vegetation covers the location are. Common plants include kochia, intermediate wheat grass, giant white-top and annuals.

Soil Type and Characteristics

Deep sandy silty loam.

Erosion Issues N

Sedimentation Issues N

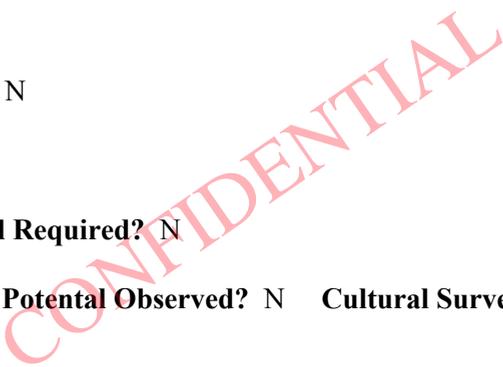
Site Stability Issues N

Drainage Diverson Required? N

Berm Required? Y

Erosion Sedimentation Control Required? N

Paleo Survey Run? N **Paleo Potential Observed?** N **Cultural Survey Run?** N **Cultural Resources?**



Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)	25 to 75	15	
Distance to Surface Water (feet)	>1000	0	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)	>1320	0	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)		0	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	30	1 Sensitivity Level

Characteristics / Requirements

A 100' x 225' x 10' deep reserve pit will be constructed mostly in a cut area on the southeast side of the location. It will be lined with a 16-mil liner. Because of the nature of the soils a felt sub- liner may not be needed.

Closed Loop Mud Required? N **Liner Required?** **Liner Thickness** 16 **Pit Underlayment Required?** Y

Other Observations / Comments

Floyd Bartlett (DOGM), David Yehman, Four Star Ranch-Surface Owner), Craig Parker (Elk Resources, LLC), Terra Miller and Jenifer Hall (Land Pro.), Marsha Perry (Uintah County Planning and Zoning), Billy McClure (LaRose Construction) and Gary Robinson (Robinson Construction).

Floyd Bartlett

10/14/2010

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Application for Permit to Drill Statement of Basis

11/9/2010

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
3016	43047512850000	LOCKED	OW	P	No
Operator	ELK RESOURCES LLC		Surface Owner-APD	Four Star Ranch, Inc.	
Well Name	Four Star 7-32-7-20		Unit	AURORA (DEEP)	
Field	WILDCAT		Type of Work	DRILL	
Location	NESW 7 7S 20E S 2425 FSL 2332 FWL GPS Coord (UTM) 609538E 4453265N				

Geologic Statement of Basis

Elk proposes to set 2,500 feet of surface pipe, cemented to surface. The depth to the base of the moderately saline water at this location is estimated to be at approximately 400 feet. A search of Division of Water Rights records shows 2 water wells within a 10,000 foot radius of the proposed location. Both wells are over a mile from the proposed well. Depth is listed for only one of the wells at 150 feet. Use is listed as for stock watering. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement should adequately protect any useable ground water.

Brad Hill
APD Evaluator

11/1/2010
Date / Time

Surface Statement of Basis

The general location is in the north end of Ouray Park and northwest of Pelican Lake in Uintah County. The general area is characterized by a long valley extending from the hills which form an elevated bench to the north, south to the Green River and beyond. Much of the area in the north end of the valley is used for agricultural lands irrigated with sprinkler systems. Vernal, Utah is approximately 21 air miles and 23 road miles to the northeast. Access is by State of Utah Highways. Approximately 239 feet of new road across private land will be constructed.

The proposed location for the Four Star Ranch 7-32-7-20 oil well is on private land located immediately south of the paved highway which leads to Randlett. The highway is straight for a long distance and should not create a safety concern for entrance to and departure from the site. A wide approach off the south side of the highway is planned. The pad will be located on a non-irrigated area between a corn field and the highway. The southwest corner of the pad will be rounded to avoid the irrigated field. Mr. David Yehman of Four Star Ranch was in attendance and was in agreement with the location and the requirements of the signed Surface Use Agreement. The well is a significant distance outside the normal drilling window and will be directionally drilled to miss the irrigated crop land to the south. The site is flat with no apparent slope. Maximum cut is 2.9 feet on the northeast corner near the highway and fill of 0.7 feet next to the cornfield. A short section on the east end of the pad will be reclaimed along with the reserve pit following drilling of the well. Elk Resources will add road base to the access road and location as needed to harden the surface and reduce the dust. No springs, streams or open water is in the immediate area. The minerals are also private, owned by another party.

Uintah County has recently passed an extraction and excavation ordinance responding to concerns received from a few citizens regarding disturbances related to oil wells, related facilities and gravel borrow sites. Among other items, this ordinance prohibits well pads within 1,000 feet of residences. Facilities can not materially interfere with the irrigation of crop lands and operational dust must be controlled. Marsha Perry from the Planning and Zoning office was present. She explained important requirements of the ordinances to those present. A dwelling residence occupied by Josh and Lacy Manwaring is located north of the highway about 900-1000 feet from the site. Elk Resources is required to submit an application to the Planning and Zoning

Application for Permit to Drill Statement of Basis

11/9/2010

Utah Division of Oil, Gas and MiningPage 2

Commission to be reviewed by the Board. The next meeting of the Board is not until Nov 16.
A 100' x 225' x 10' deep reserve pit will be constructed mostly in a cut area on the southeast side of the location. It will be lined with a 16-mil liner. Because of the nature of the soils a felt sub- liner may not be needed.

Floyd Bartlett
Onsite Evaluator

10/14/2010
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner as needed, shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

CONFIDENTIAL

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 9/15/2010 **API NO. ASSIGNED:** 43047512850000
WELL NAME: Four Star 7-32-7-20
OPERATOR: ELK RESOURCES, LLC (N3480) **PHONE NUMBER:** 303 339-1919
CONTACT: Merrell Olsen
PROPOSED LOCATION: NESW 07 070S 200E **Permit Tech Review:**
SURFACE: 2425 FSL 2332 FWL **Engineering Review:**
BOTTOM: 1980 FSL 1980 FWL **Geology Review:**
COUNTY: UINTAH
LATITUDE: 40.22455 **LONGITUDE:** -109.71257
UTM SURF EASTINGS: 609538.00 **NORTHINGS:** 4453265.00
FIELD NAME: WILDCAT
LEASE TYPE: 4 - Fee
LEASE NUMBER: Patent **PROPOSED PRODUCING FORMATION(S):** WASATCH
SURFACE OWNER: 4 - Fee **COALBED METHANE:** NO

RECEIVED AND/OR REVIEWED:

- PLAT**
- Bond:** STATE/FEE - B000969
- Potash**
- Oil Shale 190-5**
- Oil Shale 190-3**
- Oil Shale 190-13**
- Water Permit:** MUNICIPAL
- RDCC Review:**
- Fee Surface Agreement**
- Intent to Commingle**

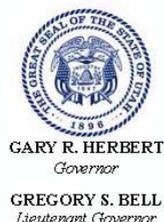
Commingleing Approved

LOCATION AND SITING:

- R649-2-3.**
- Unit:** AURORA (DEEP)
- R649-3-2. General**
- R649-3-3. Exception**
- Drilling Unit**
- Board Cause No:** R649-3-11
- Effective Date:**
- Siting:**
- R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations: 5 - Statement of Basis - bhill
14 - Commingleing Temporary Denial - ddoucet
15 - Directional - dmason
23 - Spacing - dmason
25 - Surface Casing - hmacdonald



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Four Star 7-32-7-20
API Well Number: 43047512850000
Lease Number: Patent
Surface Owner: FEE (PRIVATE)
Approval Date: 11/9/2010

Issued to:

ELK RESOURCES, LLC, 1401 17th Street, Suite 700, Denver, CO 80202

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-11. The expected producing formation or pool is the WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Surface casing shall be cemented to the surface.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Downhole commingling between formations cannot occur until the provisions of Rule R649-3-22, Completion Into Two or More Pools, have been met.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan – contact Dustin Doucet
- Significant plug back of the well – contact Dustin Doucet
- Plug and abandonment of the well – contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <https://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program – contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well – contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:

Approved by.

A handwritten signature in black ink, appearing to read "John Rogers", written in a cursive style.

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: Patent
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: Aurora (Deep)
2. NAME OF OPERATOR: Elk Resources, LLC		8. WELL NAME and NUMBER: Four Star 7-32-7-20
3. ADDRESS OF OPERATOR: 1401 17th Street, Ste. 700 CITY Denver STATE CO ZIP 80202		9. API NUMBER: 4304751285
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2425 FSL 2332 FWL		10. FIELD AND POOL, OR WILDCAT: Wildcat
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 7 7S 20E S		COUNTY: Uintah
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/25/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <u>Spud Notice</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 11/25/2010, Elk Resources LLC spud the Four Star 7-32-7-20. A 26" hole was drilled to a depth of 70 feet, and 70 feet of 20" conductor casing was set in the hole. The conductor casing was then cemented in place with 400 sacks of Class "G" cement with 2% CaCl2 - 4 barrels of which returned to surface. A rat and mouse hole was then drilled for the Frontier Rig #12.

RECEIVED

DEC 02 2010

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Merrell Olsen</u>	TITLE <u>Engineer I</u>
SIGNATURE <u><i>Merrell Olsen</i></u>	DATE <u>12/2/2010</u>

(This space for State use only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Elk Resources, LLC Operator Account Number: N 3480
 Address: 1401 17th Street, Suite 700
city Denver
state CO zip 80202 Phone Number: (303) 296-4505

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304751285	Four Star 7-32-7-20		NESW	7	7S	20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	17881	11/25/2010		12/14/10		
Comments: The two target formations for this well are the Wasatch and Green River. <u>WSTC = GR-WS</u>							

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Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Merrell Olsen

Name (Please Print)

Merrell Olsen

Signature

Engineer I

12/2/2010

Title

Date

RECEIVED
DEC 06 2010

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS			5. LEASE DESIGNATION AND SERIAL NUMBER: Patent
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____			7. UNIT or CA AGREEMENT NAME: Aurora (Deep)
2. NAME OF OPERATOR: Elk Resources, LLC			8. WELL NAME and NUMBER: Four Star 7-32-7-20
3. ADDRESS OF OPERATOR: 1401 17th Street, Ste. 700 CITY Denver STATE CO ZIP 80202		PHONE NUMBER: (303) 296-4505	9. API NUMBER: 4304751285
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2425 FSL 2332 FWL COUNTY: Uintah			10. FIELD AND POOL, OR WILDCAT: Wildcat
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 7 7S 20E S STATE: UTAH			

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 12/12/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Set Intermediate Casing</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 12/12/2010, Elk Resources LLC set 9 5/8" N-80 40# intermediate casing in the Four Star 7-32-7-20 to a depth of 4411'. The casing was cemented in place with 650 sacks of Type 5 11.0 ppg cement and 200 sacks of Class G 15.8 ppg cement.

RECEIVED
DEC 14 2010
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Merrell Olsen</u>	TITLE <u>Engineer I</u>
SIGNATURE <u></u>	DATE <u>12/2/2010 12/13/2010</u>

(This space for State use only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: Patent
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Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	7. UNIT or CA AGREEMENT NAME: Aurora (Deep)	
2. NAME OF OPERATOR: Elk Resources, LLC	8. WELL NAME and NUMBER: Four Star 7-32-7-20	
3. ADDRESS OF OPERATOR: 1401 17th Street, Ste. 700 CITY Denver STATE CO ZIP 80202	PHONE NUMBER: (303) 296-4505	9. API NUMBER: 4304751285
10. FIELD AND POOL, OR WILDCAT: Wildcat		
4. LOCATION OF WELL		
FOOTAGES AT SURFACE: 2425 FSL 2332 FWL		COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 7 7S 20E S		STATE: UTAH

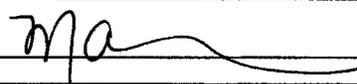
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 12/28/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Monthly Status Report - Drilling
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see the attached Daily Drilling Reports for the Four Star 7-32-7-20.

RECEIVED
JAN 03 2011
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Merrell Olsen</u>	TITLE <u>Engineer I</u>
SIGNATURE <u></u>	DATE <u>1/3/2011</u>

(This space for State use only)

ELK RESOURCES, LLC

Four Star 7-32-7-20

Rig: Frontier 12

AFE#

Daily Drilling Morning Report

Date: December 4, 2010	Days Since Spud: 1	RKB to GL: 24'
Planned TD: 10,321	Rig Phone: 435-828-1101	Date BOP Test: _____
Depth @ 06:00 hrs: 815 TVD 815	24 Hour Footage: 643	Shoe Test: _____
Yesterday TD: 172 TVD: 172	Days on Location: 5	Accident / Near Miss (Y/N): _____
Present Operations @ 06:00 hrs: Drig. Surface TD @ 815'		Company Rep: Scott Seely

Last Csg Set & Depth: _____	Next Csg Set & Depth: _____	Conductor Size & Depth: 20" @ 70'
Surface: _____	Intermediate: _____	Long String Size & Depth: _____
Drilling Liner Size: _____	Top Liner Depth: _____	Bottom Liner Depth: _____

Hole Cond: Good	Hook Wt: 85	Max Drag: 5	Rtry Torque: _____	Max Allowable SICP: _____
------------------------	--------------------	--------------------	--------------------	---------------------------

SURVEY DATA											
Survey	1	2	3	4	5	6	7	8	9	10	11
Depth:	216	344	573	785							
Angle:	0.50	0.50	0.50	0.50							
Azimuth:											

MUD PROPERTIES														
Mud Weight	Viscosity	PV	YP	10/sec	10/min	pH	API WL	Filter Cake	Solids %	Sand %	Oil %	LGS % Lb/bbl	MBT	Chlorides PPM
8.40	28.0							N/C	0.25	0.10				280

MUD MIXED													
GEL	Lime	NOV	PHPA	CAUSTIC	Phenoseal	Dynafiber	Dynalose	Barite sx	Sawdust	Polypac-R	NewEase 203	New phpa	Walnut
105	7	6											

MUD LOG / WELL CONTROL DATA									
Depth	Formation	BG Gas	Conn Gas	Trip Gas	Max Gas	Est. Pore Press.	Slow Pump Strokes	Pressure	Oil Show

BIT , WEIGHT, SPEED, HYDRAULICS RECORDS																	
Bit No.	Size	Type	Serial Number	Nozzles	Depth In	Depth Out	Cond.	Krevs	Daily Feet	Hrs	ROP	WOB	RPM	Pump Press	Circ Rate GPM	Ann Vel FPM DC/DP	Pump #1 Pump #2 SPM
1	17 1/2	Retip	6002522	0	94	815			643	20.5	31.4	25	65	1000	743		1 & 2

START	STOP	TIME	DOWN TIME	24 Hour Operation Details - (From 06:00 AM to 06:00 AM)			
6:00	7:00	1:00		Drill F/172' T/200'			
7:00	8:30	1:30		Trip for survey tool			
8:30	10:00	1:30		Drill F/200' T/265'			
10:00	10:30	0:30		Survey @ 216' .5			
10:30	13:00	2:30		Drill F/265' T/390'			
13:00	13:30	0:30		Survey @ 344' .5			
13:30	17:00	3:30		Drill F/390' T/542'			
17:00	17:30	0:30		Survey misrun			
17:30	18:30	1:00		Drill F/542' T/573'			
18:30	19:00	0:30		Survey @ 543' .5			
19:00	6:00	11:00		Drill F/573' T/815'			

START	STOP	TIME	DOWN TIME	BHA Description	OD (in)	ID (in)	Length (ft)	Total Length
0:00				Bit	17.50		1.50	1.50
0:00				Bit Sub	8.00	3.00	3.96	5.46
0:00				NRS	8.00	3.00	6.38	11.84
0:00				Shock Sub	8.00	3.00	10.94	22.78
0:00				1 - 8" DC	8.00	3.00	29.86	52.64
0:00				NRS	8.00	3.00	7.65	60.29
0:00				1 - 8" DC	8.00	3.00	30.99	91.28
0:00				XO Sub	6.25	2.50	3.97	95.25
0:00				2 - 6 1/4" Dc	6.25	2.50	62.44	157.69
0:00								157.69
0:00								157.69
TOTAL h:mm	24:00	0:00		Total Daily Downtime				157.69

SAFETY MEETINGS HELD							
TIME DISTRIBUTION (hh:mm)							
RU/RD		SURVEY	2:00	CIRC & COND		RIG REPAIR	
DRLG	20:30	TRIP	1:30	RUN CSG/CMT		LOG	
REAM/WASH		RIG SERV		WOC		DST	
						MISC	

Remarks:	
Daily Intangible Cost:	Daily Tang. Cos
Cum Intangible Cost:	Cum Tang. Cos
Daily Drill Cost:	Capital #
Cum Drill Cost:	Expense #

ELK RESOURCES, LLC

Four Star 7-32-7-20

Rig: Frontier 12

AFE#

Daily Drilling Morning Report

Date: December 12, 2010	Days Since Spud: 9	RKB to GL: 24'
Planned TD: 10,321	Rig Phone: 435-828-1101	Date BOP Test: _____
Depth @ 06:00 hrs: 4,420 TVD 4409	24 Hour Footage: 0	Shoe Test: _____
Yesterday TD: 4,420 TVD: 4,409	Days on Location: 13	Accident / Near Miss (Y/N): _____
Present Operations @ 06:00 hrs: Logging With Baker Atlas 2nd Run		Company Rep: Scott Seely

Last Csg Set & Depth: 804	Next Csg Set & Depth: 4500	Conductor Size & Depth: 20" @ 70'
Surface: 804	Intermediate: _____	Long String Size & Depth: _____
Drilling Liner Size: _____	Top Liner Depth: _____	Bottom Liner Depth: _____

Hole Cond: Good	Hook Wt: 125000	Max Drag: _____	Rtry Torque: _____	Max Allowable SICP: _____
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SURVEY DATA											
Survey	1	2	3	4	5	6	7	8	9	10	11
Depth:	216	344	573	785	1,684	2,629	3,385	3,951	4,331		
Angle:	0.50	0.50	0.50	0.50	4.61	5.19	4.61	4.09	3.38		
Azimuth:					233.66	221.53	230.76	231.86	244.95		

MUD PROPERTIES														
Mud Weight	Viscosity	PV	YP	10/sec	10/min	pH	API WL	Filter Cake	Solids %	Sand %	Oil %	LGS % Lb/bbl	MBT	Chlorides PPM
9.20	36.0	7.0	6.0	3.0	12.0	11.50	n/c	2.0	5.10	0.10	0.00		18	480

MUD MIXED												
GEL	Lime	NOV PHPA	CAUSTIC	Walnut	Sodium Bicarb	Soda Ash	Barite sx	Sawdust	NOV Pac-R	NewEase 203	New phpa	Walnut
97	3	7					104	15				

MUD LOG / WELL CONTROL DATA									
Depth	Formation	BG Gas	Conn Gas	Trip Gas	Max Gas	Est. Pore Press.	Slow Pump Strokes	Pressure	Oil Show
4,420	Green River	30	196	556					

BIT , WEIGHT, SPEED, HYDRAULICS RECORDS																			
Bit No.	Size	Type	Serial Number	Nozzles	Depth In	Depth Out	Cond.	Krevs	Daily Feet	Hrs	ROP	WOB	RPM	Pump Press	Circ Rate GPM	Ann Vel FPM DC/DP	Pump #1 SPM	Pump #2 SPM	
1	17 1/2	Retip	6002522	4 20	94	815													
2	12 1/4	Smith	JY6097	6 18	815	4,420													

START	STOP	TIME	DOWN TIME	24 Hour Operation Details - (From 06:00 AM to 06:00 AM)															
6:00	7:00	1:00		Circ. cond. for short trip.															
7:00	8:00	1:00		Short trip to 3000' - no tight hole.															
8:00	10:00	2:00		Circ. cond. for logs.															
10:00	13:00	3:00		Trip out & LD 8" MWD tools.															
13:00	15:30	2:30		RU Baker Atlas & ran lateral logs - bridged @ 2700'.															
15:30	17:30	2:00		Trip in with 12 1/4" bit to 2700'.															
17:30	18:00	0:30		Wash & ream thru bridge @ 2700'.															
18:00	19:00	1:00		Trip in to T.D. @ 4420'.															
19:00	21:00	2:00		Circ. & cond. for logs.															
21:00	23:00	2:00		Trip out to log.															
23:00	6:00	7:00		RU Baker Atlas & ran lateral logs - pickin up tools for 2nd run Nuutron Density.															

START	STOP	TIME	DOWN TIME	BHA Description	OD (in)	ID (in)	Length (ft)	Total Length
0:00				12 1/4"	12.25	1.00	1.00	1.00
0:00				Bit Sub	8.00	3.00	3.95	4.95
0:00				X-Over	8.00	2.75	3.97	8.92
0:00				6 - 6 1/4" DC	6.25	2.75	187.36	196.28
0:00				21 - 4 1/2 XH HWDP	4.50	3.00	646.73	843.01
0:00								843.01
0:00								843.01
0:00								843.01
0:00								843.01
0:00								843.01
0:00								843.01
0:00								843.01
TOTAL h:mm	24:00	0:00		Total Daily Downtime				843.01

SAFETY MEETINGS HELD										
TIME DISTRIBUTION (hh:mm)										
RU/RD		SURVEY		CIRC & COND	6:00	RIG REPAIR		KICK		NU/TST BOP
DRLG		TRIP	9:00	RUN CSG/CMT		LOG	9:30	CORE		FISHING/STUCK
REAM/WASH	0:30	RIG SERV		WOC		DST		MISC		LOST CIRC.

Remarks:									
Daily Intangible Cost:		Daily Tang. Cos		Daily Drill Cost:		Capital #			
Cum Intangible Cost:		Cum Tang. Cos		Cum Drill Cost:		Expense #			

ELK RESOURCES, LLC

Four Star 7-32-7-20

Rig: Frontier 12

AFE#

Daily Drilling Morning Report

Date: December 13, 2010	Days Since Spud: 10	RKB to GL: 24'
Planned TD: 10,321	Rig Phone: 436-828-1101	Date BOP Test: _____
Depth @ 06:00 hrs: 4,420 TVD 4409	24 Hour Footage: 0	Shoe Test: _____
Yesterday TD: 4,420 TVD: 4,409	Days on Location: 14	Accident / Near Miss (Y/N): _____
Present Operations @ 06:00 hrs: Top Outside Cmt. Job With ProPetro		Company Rep: Scott Seely

Last Csg Set & Depth: 4411'	Next Csg Set & Depth: 10321'	Conductor Size & Depth: 20" @ 70'
Surface: 13 3/8" @ 804'	Intermediate: 9 5/8" @ 4411'	Long String Size & Depth: _____
Drilling Liner Size: _____		Bottom Liner Depth: _____

Hole Cond: Good	Hook Wt: _____	Max Drag: _____	Rtry Torque: _____	Max Allowable SICP: _____
------------------------	----------------	-----------------	--------------------	---------------------------

SURVEY DATA											
Survey	1	2	3	4	5	6	7	8	9	10	11
Depth:	216	344	573	785	1,684	2,629	3,385	3,951	4,331		
Angle:	0.50	0.50	0.50	0.50	4.61	5.19	4.61	4.09	3.38		
Azimuth:					233.66	221.53	230.76	231.86	244.95		

MUD PROPERTIES														
Mud Weight	Viscosity	PV	YP	10/sec	10/min	pH	API WL	Filter Cake	Solids %	Sand %	Oil %	LGS % Lb/bbl	MBT	Chlorides PPM
9.20	38.0	7.0	5.0	3.0	11.0	10.40	n/c	2.0	5.10	0.10	0.00		18	470

MUD MIXED													
GEL	Lime	NOV	PHPA	CAUSTIC	Walnut	Sodium Bicarb	Soda Ash	Barite sx	Sawdust	NOV Pac-R	NewEase 203	New phpa	Walnut
		3						26					

MUD LOG / WELL CONTROL DATA									
Depth	Formation	BG Gas	Conn Gas	Trip Gas	Max Gas	Est. Pore Press.	Slow Pump Strokes	Pressure	Oil Show

BIT , WEIGHT, SPEED, HYDRAULICS RECORDS																			
Bit No.	Size	Type	Serial Number	Nozzles	Depth In	Depth Out	Cond.	Krevs	Daily Feet	Hrs	ROP	WOB	RPM	Pump Press	Circ Rate GPM	Ann Vel FPM DC/DP	Pump #1 SPM	Pump #2 SPM	
1	17 1/2	Retip	6002522	4 20	94	815													
2	12 1/4	Smith	JY6097	6 18	815	4,420													

START	STOP	TIME	DOWN TIME	24 Hour Operation Details - (From 06:00 AM to 06:00 AM)															
6:00	12:00	6:00		Logging with Baker Atlas: 2nd run Nueutron Density.															
12:00	14:00	2:00		Trip in w/ 12 1/4" bit to cond. for 9 5/8" csg.															
14:00	15:30	1:30		Circ. & cond.															
15:30	18:00	2:30		Trip out to run csg.															
18:00	19:00	1:00		RU Weatherford TRS.															
19:00	23:00	4:00		Ran 97 jts 9 5/8" 40# N-80 LT&C w/ float shoe & collar set @ 4411'.															
23:00	0:30	1:30		Circ. & cond.															
0:30				RU ProPetro & cmt. lead = 650sk Type 5 11.0 ppg 3.82 yld. 442 bbl; Tail = 200sk G 15.8ppg 1.15yld. 41 bbl															
0:30	2:30	2:00		Drop plug & disp. 330 bbl water - plug bumped floats held - Lost ret. @ 310 bbl - No cmt. to surface.															
2:30	5:30	3:00		Wait on cmt. to do top job.															
5:30	6:00	0:30		Top outside cmt. with ProPetro.															
6:00																			
0:00																			

START	STOP	TIME	DOWN TIME	BHA Description	OD (in)	ID (in)	Length (ft)	Total Length	
0:00				12 1/4"	12.25		1.00	1.00	
0:00				Bit Sub	8.00	3.00	3.95	4.95	
0:00				X-Over	8.00	2.75	3.97	8.92	
0:00				6 - 6 1/4" DC	6.25	2.75	187.36	196.28	
0:00				21 - 4 1/2 XH HWDP	4.50	3.00	646.73	843.01	
0:00								843.01	
0:00								843.01	
0:00								843.01	
0:00								843.01	
0:00								843.01	
0:00								843.01	
0:00								843.01	
TOTAL h:mm	24:00	0:00		Total Daily Downtime					843.01

SAFETY MEETINGS HELD										
TIME DISTRIBUTION (hh:mm)										
RU/RD		SURVEY		CIRC & COND	3:00	RIG REPAIR		KICK		NU/TST BOP
DRLG		TRIP	4:30	RUN CSG/CMT	7:30	LOG	6:00	CORE		FISHING/STUCK
REAM/WASH		RIG SERV		WOC	3:00	DST		MISC		LOST CIRC.

Remarks:											
Daily Intangible Cost:		Daily Tang. Cos		Daily Drill Cost:		Capital #					
Cum Intangible Cost:		Cum Tang. Cos		Cum Drill Cost:		Expense #					

ELK RESOURCES, LLC

Four Star 7-32-7-20

Rig: Frontier 12

AFE#

Daily Drilling Morning Report

Date: December 27, 2010	Days Since Spud: 24	RKB to GL: 24'
Planned TD: 10,321	Rig Phone: 435-828-1101	Date BOP Test: 12/14/2010
Depth @ 06:00 hrs: 10,400 TVD: 10369 24 Hour Footage: 0	Shoe Test:	Accident / Near Miss (Y/N):
Yesterday TD: 10,400 TVD: 10,369 Days on Location: 28	Present Operations @ 06:00 hrs: Cmt Stage 2	Company Rep: Scott Seely

Last Csg Set & Depth: 4411'	Next Csg Set & Depth: 10377	Conductor Size & Depth: 20" @ 70'
Surface: 13 3/8" @ 804'	Intermediate: 9 5/8" @ 4411'	Long String Size & Depth: 5 1/2" @ 10377'
Drilling Liner Size:	Top Liner Depth:	Bottom Liner Depth:

Hole Cond: Good	Hook Wt: 225	Max Drag: 25	Rtry Torque:	Max Allowable SICP:
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SURVEY DATA											
Survey	1	2	3	4	5	6	7	8	9	10	11
Depth:	5,495	6,629	7,667	8,140	8,418	8,991	9,368	10,319			
Angle:	5.49	5.10	4.39	4.22	4.09	4.92	5.10	2.68			
Azimuth:	241.26	242.75	244.56	238.14	224.96	230.36	227.86	197.10			

MUD PROPERTIES														
Mud Weight	Viscosity	PV	YP	10/sec	10/min	pH	API WL	Filter Cake	Solids %	Sand %	Oil %	LGS %	MBT	Chlorides PPM
9.50	50.0	10.0	17.0	7.0	12.0	8.80	8.4	2.0	5.40	0.10	0.00	2.10	10	1,120

MUD MIXED												
GEL	Lime	NOV PHPA	CAUSTIC	K+Formate	Aqua Sol	Soda Ash	Barite sx	Biocide	Sodium Bicarb	NOV Xan D	SAPP	Pac-R

MUD LOG / WELL CONTROL DATA									
Depth	Formation	BG Gas	Conn Gas	Trip Gas	Max Gas	Est. Pore Press.	Slow Pump Strokes	Pressure	Oil Show

BIT, WEIGHT, SPEED, HYDRAULICS RECORDS																	
Bit No.	Size	Type	Serial Number	Nozzles	Depth In	Depth Out	Cond.	Krevs	Daily Feet	Hrs	ROP	WOB	RPM	Pump Press	Circ Rate GPM	Ann Vel FPM DC/DP	Pump #1 Pump #2 SPM
5	7 7/8	Hughes Q506F	7020603	6 16	9,198	10,400											
6	7 7/8	Smith	Rerun	Open													

START	STOP	TIME	DOWN TIME	24 Hour Operation Details - (From 06:00 AM to 06:00 AM)				
6:00	7:00	1:00		Circ.Out Gas				
7:00	14:00	7:00		Lay Down 4 1/2 DP & DC With Weatherford TRS				
14:00	23:00	9:00		Ran 245 Jts 5 1/2" 17# N-80 T/10377' - DV Packer @ 7038'				
23:00	1:00	2:00		Circ.Out Gas				
				R/U BL Services Stage 1 Pumped 30bbl Spacer 333sk PLIHS Wt 13.0 Yld 1.90 113bbl - Disp.With 240bbl Treated Water				
1:00	4:00	3:00		Plug Bumped Floats Held - Drop Bomb Set Packer & Opened DV Tool				
4:00	5:00	1:00		Circ. & Cond. For 2nd Stage Cmt.				
5:00	6:00	1:00		Stage 2 Lead 111sk PLII Plus Wt. 11.0 Yld 3.38 67bbl - Tail Cmt Froze Up In Tank - Couldn't Mix				
4:30								
0:00								
0:00				Stage 1 333sk PLIHS W/ .25 CeloFlake, .3%CD-32, .7%FL-52, .2%BA-59, .1%R-3				
0:00				Stage 2 Lead 111sk PLII Plus W/ 3%KCL, .25 CeloFlake, 5#/sk KolSeal, .5% Sodium Metasilicate				
0:00				Stage 2 Tail 391sk PLIHS W/ .25 CeloFlake, .3%CD-32, .7%FL-52, .2%BA-59				
0:00				BHA Description	OD (in)	ID (in)	Length (ft)	Total Length
0:00				7 7/8" Rerun Bit	7.88		1.00	1.00
0:00				Bit Sub	6.75	2.80	4.00	5.00
0:00				6 - 6 1/2 DC	6.50	2.80	187.36	192.36
0:00				21 - 4 1/2 HWDP	4.50	3.00	646.73	839.09
0:00								839.09
0:00								839.09
0:00								839.09
0:00								839.09
0:00								839.09
0:00								839.09
0:00								839.09
TOTAL h:mm	24:00	0:00		Total Daily Downtime				839.09

SAFETY MEETINGS HELD							
TIME DISTRIBUTION (hh:mm)							
RU/RD		SURVEY		CIRC & COND	4:00	RIG REPAIR	
DRLG		TRIP		RUN CSG/CMT	13:00	LOG	
REAM/WASH		RIG SERV		WOC		DST	
						MISC	7:00
							LOST CIRC.

Remarks:	
Daily Intangible Cost:	Daily Tang. Cos
Cum Intangible Cost:	Cum Tang. Cos
Daily Drill Cost:	Capital #
Cum Drill Cost:	Expense #

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: Patent
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: AURORA (DEEP)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FOUR STAR 7-32-7-20
2. NAME OF OPERATOR: ELK RESOURCES, LLC	9. API NUMBER: 43047512850000
3. ADDRESS OF OPERATOR: 1401 17th Street, Suite 700 , Denver, CO, 80202	PHONE NUMBER: 303 296-4505 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2425 FSL 2332 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 07 Township: 07.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: WILDCAT COUNTY: UINTAH STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/25/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input checked="" type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 50px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Elk Resources, LLC is requesting Wildcat status for the Four Star 7-32-7-20 oil well. This well was spudded on 11/25/2010, and plans are to complete the well in the Wasatch and Green River formations. As can be seen from the attached plat (showing all wells within a one mile radius of the Four Star 7-32), there are no wells within a one mile radius of the Four Star 7-32. Elk's reasoning for requesting Wildcat status is in order to qualify for a severance tax exemption.

Approved by the Utah Division of Oil, Gas and Mining

Date: 01/24/2011

By: *Dark K. Quist*

NAME (PLEASE PRINT) Merrell Olsen	PHONE NUMBER 303 339-1919	TITLE Engineer I
SIGNATURE N/A		DATE 12/9/2010



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047512850000

This is a preliminary determination. Upon final completion, the operator should apply to the Division for a final determination. See attached Statement of Basis for more information.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: 01/24/2011
By: *David K. Quist*

DIVISION OF OIL, GAS AND MINING
**Preliminary Wildcat Well Determination
STATEMENT OF BASIS**

Applicant: ELK RESOURCES, LLC.

Location: NESW Sec. 07 T070S, R200E, Uintah Count, Utah

WELL NAME: Four Star 7-32-7-20 **API #:** 43-047-51285

FINDINGS

1. This well is currently being drilled.
2. Proposed producing formations are Wasatch and Green River.
3. Well was spud on November 25, 2010.
4. This well is > 1 mile from known production of any kind. (Attachment A)

CONCLUSIONS

Based on the findings above the Division has determined the Four Star 7-32-7-20 well is planned to be drilled into an unknown area for all formations. Therefore, should the well be productive, the well should qualify for the severance tax exemption under Section 59-5-102(5)(b) for wildcat wells. Upon final completion, the operator should apply to the division for a final determination. This preliminary determination was made in accordance with Oil and Gas General Conservation Rule R649-3-35.

Reviewer(s): Dustin K. Doucet *DKD*

Date: 1/24/2011

Joshua Payne

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: January 24, 2011

Date: 01/24/2011
By: *Dustin K. Doucet*

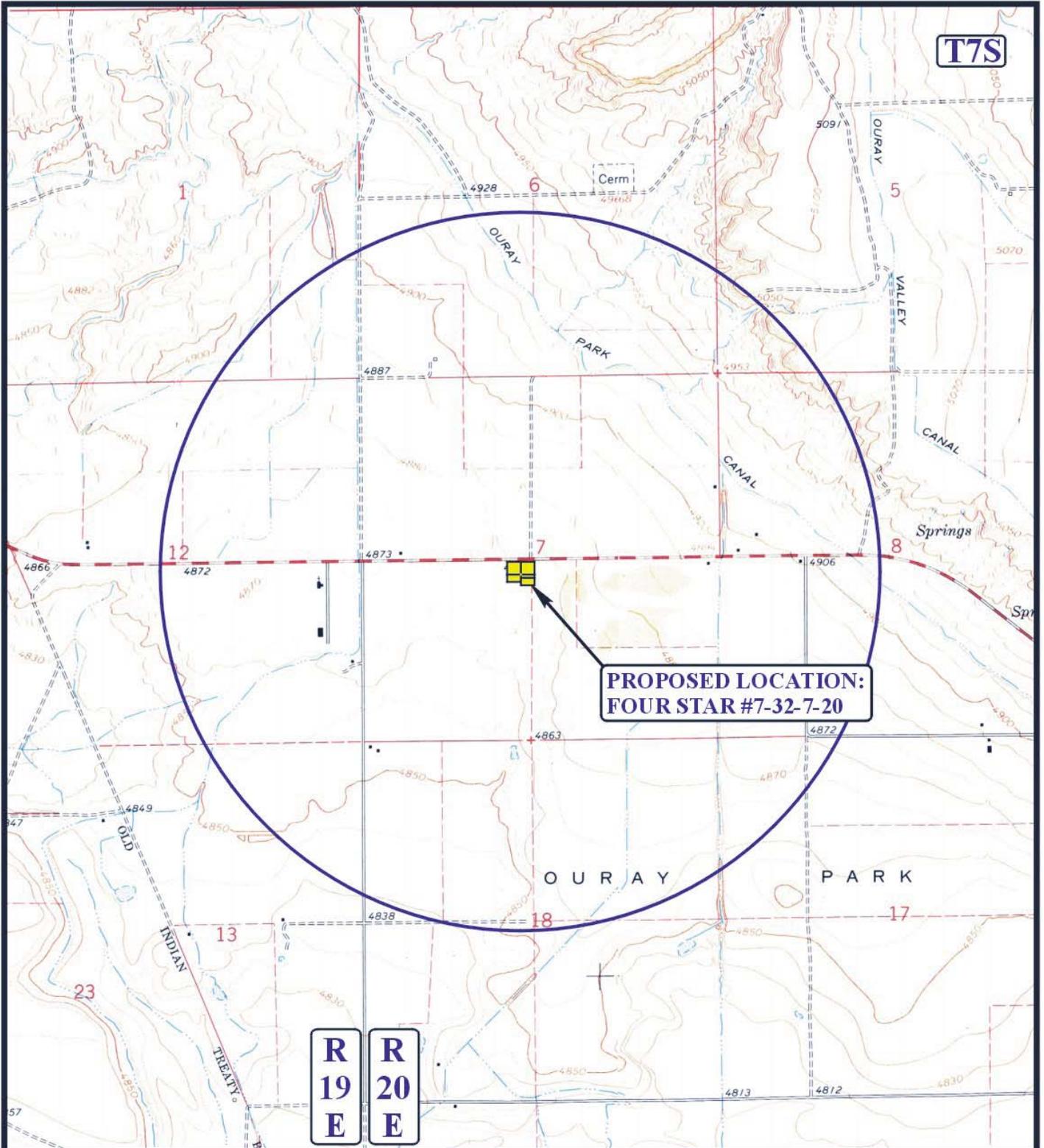
ATTACHMENT A

1 Mile Area of Review

API	WELL_NAME	Well Status	QTR	SECT	TOWN	RANGE	CUM OIL	CUM GAS	FIELD TYPE	Dx From Well (ft)	Rotar Spud	Date TD Reached	Date First Produced	Producing Formation
4304751285	FOUR STAR 7-32-7-20	DRL	NESW	07	070S	200E	0	0	W	0	12/2/2010			Wasatch - Green River Proposed

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: 01/24/2011
By: 



T7S

**PROPOSED LOCATION:
FOUR STAR #7-32-7-20**

**R
19
E** **R
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LEGEND:

- ⊗ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ⊗ WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



ELK RESOURCES, LLC

**FOUR STAR #7-32-7-20
SECTION 7, T7S, R20E, S.L.B.&M.
2425' FSL 2332' FWL**



Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP **12** **23** **09**
MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: J.H. REVISED: 00-00-00



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: Patent
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME: AURORA (DEEP)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FOUR STAR 7-32-7-20
2. NAME OF OPERATOR: ELK RESOURCES, LLC	9. API NUMBER: 43047512850000
3. ADDRESS OF OPERATOR: 1401 17th Street, Suite 700 , Denver, CO, 80202	PHONE NUMBER: 303 296-4505 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2425 FSL 2332 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 07 Township: 07.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: WILDCAT
	COUNTY: UINTAH
	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/25/2011	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The date of first production for the Four Star 7-32-7-20 was 2/25/2011.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Merrell Olsen	PHONE NUMBER 303 339-1919	TITLE Engineer I
SIGNATURE N/A	DATE 3/1/2011	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: Patent
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: Aurora (Deep)
2. NAME OF OPERATOR: Elk Resources, LLC		8. WELL NAME and NUMBER: Four Star 7-32-7-20
3. ADDRESS OF OPERATOR: 1401 17th Street, Ste. 700 CITY Denver STATE CO ZIP 80202		9. API NUMBER: 4304751285
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2425 FSL 2332 FWL		10. FIELD AND POOL, OR WILDCAT: Wildcat
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 7 7S 20E S		COUNTY: Uintah
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 12/28/2010	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Filing as-drilled</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>Directional Survey</u>

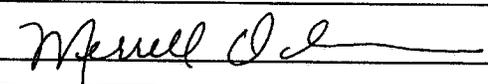
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see the attached as-drilled Directional Survey for the Four Star 7-32-7-20.

RECEIVED

FEB 24 2011

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Merrell Olsen</u>	TITLE <u>Engineer I</u>
SIGNATURE <u></u>	DATE <u>2/24/2011</u>

(This space for State use only)

CONFIDENTIAL

Delek Energy USA

Four Star

Four Star 07-32-07-20 (111301)

Four Star 07-32-07-20

API# 43-047-51285

07-32

Survey: 07-32

Survey Report - Geographic

28 December, 2010

RECEIVED

FEB 24 2011

DIV. OF OIL, GAS & MINING

Survey Report - Geographic

API # 43-047-51285

Company:	Delek Energy USA	Local Co-ordinate Reference:	Well Four Star 07-32-07-20
Project:	Four Star	TVD Reference:	KB @ 4886.00ft
Site:	Four Star 07-32-07-20 (111301)	MD Reference:	KB @ 4886.00ft
Well:	Four Star 07-32-07-20	North Reference:	Grid
Wellbore:	07-32	Survey Calculation Method:	Minimum Curvature
Design:	07-32	Database:	EDM 5000 SERVER DB

Project	Four Star		
Map System:	Universal Transverse Mercator (US Survey Feet)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 - Western US		
Map Zone:	Zone 12N (114 W to 108 W)		

Site	Four Star 07-32-07-20 (111301)				
Site Position:	Northing:	14,610,410.808 usft	Latitude:	40.224524946°N	
From:	Lat/Long	Easting:	1,999,795.274 usft	Longitude:	109.712563960°W
Position Uncertainty:	0.00 ft	Slot Radius:	13.20 in	Grid Convergence:	0.83 °

Well	Four Star 07-32-07-20					
Well Position	+N/-S	0.00 ft	Northing:	14,610,410.827 usft	Latitude:	40.224525000°N
	+E/-W	0.00 ft	Easting:	1,999,795.263 usft	Longitude:	109.712564000°W
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft	Ground Level:	4,866.00 ft	

Wellbore	07-32				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	IGRF2010	1/13/2011	(°)	(°)	(nT)
			11.25	66.02	52,464

Design	07-32				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction	
	(ft)	(ft)	(ft)	(°)	
	0.00	0.00	0.00	231.98	

Survey Program	Date	12/22/2010			
From	To	Survey (Wellbore)	Tool Name	Description	
(ft)	(ft)				
867.07	10,400.00	07-32 (07-32)			

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.00	0.00	0.00	0.00	0.00	0.00	14,610,410.827	1,999,795.263	40.224525000°N	109.712564000°W
867.07	0.70	180.13	867.05	-5.30	-0.01	14,610,405.531	1,999,795.251	40.224510459°N	109.712564318°W
897.91	0.70	182.64	897.89	-5.67	-0.02	14,610,405.154	1,999,795.242	40.224509425°N	109.712564370°W
928.80	0.70	245.35	928.77	-5.94	-0.20	14,610,404.887	1,999,795.061	40.224508699°N	109.712565030°W
960.37	0.88	223.95	960.34	-6.20	-0.54	14,610,404.632	1,999,794.718	40.224508013°N	109.712566273°W
991.93	1.51	222.54	991.89	-6.68	-0.99	14,610,404.151	1,999,794.269	40.224506710°N	109.712567908°W
1,023.39	1.49	220.34	1,023.34	-7.29	-1.54	14,610,403.534	1,999,793.724	40.224505038°N	109.712569892°W
1,054.89	2.29	225.75	1,054.83	-8.04	-2.26	14,610,402.783	1,999,793.008	40.224503003°N	109.712572495°W
1,086.40	2.29	229.75	1,086.31	-8.89	-3.19	14,610,401.937	1,999,792.076	40.224500718°N	109.712575875°W
1,117.88	2.68	231.55	1,117.76	-9.75	-4.24	14,610,401.073	1,999,791.020	40.224498388°N	109.712579703°W
1,149.42	3.21	229.35	1,149.26	-10.79	-5.49	14,610,400.039	1,999,789.772	40.224495599°N	109.712584225°W
1,180.94	2.99	225.31	1,180.73	-11.94	-6.74	14,610,398.886	1,999,788.518	40.224492484°N	109.712588776°W

Survey Report - Geographic

Company: Delek Energy USA
Project: Four Star
Site: Four Star 07-32-07-20 (111301)
Well: Four Star 07-32-07-20
Wellbore: 07-32
Design: 07-32

Local Co-ordinate Reference: Well Four Star 07-32-07-20
TVD Reference: KB @ 4886.00ft
MD Reference: KB @ 4886.00ft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000 SERVER DB

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
1,212.44	3.38	225.35	1,212.18	-13.17	-7.99	14,610,397.655	1,999,787.274	40.224489155°N	109.712593297°W
1,243.83	4.00	234.67	1,243.51	-14.46	-9.54	14,610,396.372	1,999,785.722	40.224485694°N	109.712598921°W
1,275.33	4.22	234.33	1,274.93	-15.77	-11.38	14,610,395.061	1,999,783.884	40.224482167°N	109.712605572°W
1,306.79	4.48	233.26	1,306.30	-17.18	-13.30	14,610,393.651	1,999,781.959	40.224478373°N	109.712612539°W
1,338.31	4.92	227.55	1,337.71	-18.83	-15.29	14,610,392.002	1,999,779.976	40.224473926°N	109.712619730°W
1,369.86	4.70	230.45	1,369.15	-20.56	-17.28	14,610,390.266	1,999,777.981	40.224469238°N	109.712626965°W
1,401.08	5.10	228.65	1,400.26	-22.29	-19.31	14,610,388.535	1,999,775.953	40.224464566°N	109.712634319°W
1,432.62	5.32	230.67	1,431.67	-24.15	-21.49	14,610,386.682	1,999,773.769	40.224459566°N	109.712642235°W
1,464.20	5.49	232.65	1,463.11	-25.99	-23.83	14,610,384.838	1,999,771.436	40.224454596°N	109.712650687°W
1,495.71	5.41	236.45	1,494.47	-27.73	-26.26	14,610,383.102	1,999,769.000	40.224449928°N	109.712659503°W
1,527.27	4.92	240.86	1,525.91	-29.21	-28.69	14,610,381.621	1,999,766.578	40.224445958°N	109.712668254°W
1,558.75	4.92	242.75	1,557.27	-30.48	-31.06	14,610,380.346	1,999,764.199	40.224442551°N	109.712676842°W
1,590.21	4.70	241.66	1,588.62	-31.71	-33.40	14,610,379.116	1,999,761.865	40.224439269°N	109.712685264°W
1,684.81	4.61	233.66	1,682.91	-35.80	-39.87	14,610,375.023	1,999,755.391	40.224428291°N	109.712708662°W
1,779.20	5.58	229.57	1,776.92	-41.03	-46.42	14,610,369.799	1,999,748.843	40.224414209°N	109.712732388°W
1,873.77	5.01	240.34	1,871.09	-46.05	-53.51	14,610,364.774	1,999,741.754	40.224400695°N	109.712758037°W
1,968.23	4.00	237.26	1,965.26	-49.88	-59.86	14,610,360.951	1,999,735.399	40.224390453°N	109.712780998°W
2,062.73	4.79	232.25	2,059.48	-54.07	-65.76	14,610,356.753	1,999,729.506	40.224379161°N	109.712802319°W
2,157.30	4.79	234.36	2,153.72	-58.79	-72.09	14,610,352.035	1,999,723.176	40.224366460°N	109.712825239°W
2,251.62	4.61	228.03	2,247.72	-63.62	-78.11	14,610,347.205	1,999,717.157	40.224353441°N	109.712847045°W
2,346.00	4.09	229.13	2,341.83	-68.36	-83.47	14,610,342.467	1,999,711.792	40.224340645°N	109.712866507°W
2,440.00	4.61	232.34	2,435.56	-72.86	-89.00	14,610,337.965	1,999,706.266	40.224328506°N	109.712886531°W
2,535.00	5.10	228.87	2,530.22	-77.97	-95.20	14,610,332.855	1,999,700.064	40.224314724°N	109.712909012°W
2,629.00	5.19	221.53	2,623.84	-83.90	-101.17	14,610,326.924	1,999,694.098	40.224298679°N	109.712930687°W
2,724.00	4.31	229.35	2,718.52	-89.45	-106.72	14,610,321.382	1,999,688.540	40.224283684°N	109.712950878°W
2,818.39	4.39	249.04	2,812.64	-93.05	-112.79	14,610,317.779	1,999,682.476	40.224274034°N	109.712972787°W
2,912.00	4.79	245.26	2,905.95	-95.97	-119.68	14,610,314.862	1,999,675.580	40.224266300°N	109.712997634°W
3,007.52	5.58	245.74	3,001.08	-99.54	-127.54	14,610,311.284	1,999,667.724	40.224256791°N	109.713025957°W
3,101.94	5.41	237.04	3,095.07	-103.85	-135.46	14,610,306.977	1,999,659.804	40.224245280°N	109.713054546°W
3,196.00	5.32	233.04	3,188.71	-108.89	-142.66	14,610,301.942	1,999,652.599	40.224231746°N	109.713080612°W
3,290.00	5.01	225.04	3,282.33	-114.41	-149.05	14,610,296.422	1,999,646.213	40.224216844°N	109.713103772°W
3,385.00	4.61	230.76	3,377.00	-119.75	-154.94	14,610,291.076	1,999,640.321	40.224202401°N	109.713125152°W
3,479.00	4.61	238.54	3,470.70	-124.11	-161.09	14,610,286.715	1,999,634.173	40.224190673°N	109.713147398°W
3,574.64	4.09	232.47	3,566.06	-128.20	-167.07	14,610,282.631	1,999,628.190	40.224179700°N	109.713169040°W
3,668.90	4.31	227.77	3,660.07	-132.62	-172.36	14,610,278.203	1,999,622.901	40.224167753°N	109.713188210°W
3,763.28	4.48	224.25	3,754.17	-137.65	-177.56	14,610,273.179	1,999,617.703	40.224154167°N	109.713207089°W
3,857.50	4.00	231.15	3,848.13	-142.35	-182.69	14,610,268.481	1,999,612.576	40.224141475°N	109.713225695°W
3,951.00	4.09	231.86	3,941.40	-146.45	-187.85	14,610,264.377	1,999,607.414	40.224130411°N	109.713244397°W
4,046.00	4.09	228.55	4,036.16	-150.79	-193.05	14,610,260.042	1,999,602.210	40.224118717°N	109.713263260°W
4,142.34	4.22	226.85	4,132.25	-155.48	-198.21	14,610,255.343	1,999,597.049	40.224106023°N	109.713281989°W
4,236.00	3.78	236.34	4,225.68	-159.55	-203.30	14,610,251.275	1,999,591.965	40.224095057°N	109.713300408°W
4,331.00	3.38	244.95	4,320.49	-162.47	-208.44	14,610,248.354	1,999,586.821	40.224087241°N	109.713318982°W
4,454.00	3.38	241.17	4,443.28	-165.76	-214.90	14,610,245.070	1,999,580.360	40.224078483°N	109.713342294°W
4,548.00	4.22	225.26	4,537.07	-169.53	-219.79	14,610,241.299	1,999,575.475	40.224068325°N	109.713359983°W
4,646.00	5.19	224.17	4,634.74	-175.25	-225.44	14,610,235.582	1,999,569.826	40.224052853°N	109.713380515°W
4,739.00	4.92	215.56	4,727.38	-181.51	-230.69	14,610,229.320	1,999,564.575	40.224035871°N	109.713399645°W
4,833.00	4.09	217.53	4,821.09	-187.45	-235.07	14,610,223.382	1,999,560.189	40.224019744°N	109.713415663°W
4,928.00	4.00	226.45	4,915.86	-192.41	-239.54	14,610,218.413	1,999,555.724	40.224006278°N	109.713431914°W
5,022.00	4.48	238.75	5,009.60	-196.58	-245.05	14,610,214.249	1,999,550.209	40.223994306°N	109.713451882°W
5,117.00	5.10	235.63	5,104.27	-200.89	-251.71	14,610,209.941	1,999,543.551	40.223983503°N	109.713475949°W
5,212.00	5.41	233.13	5,198.87	-205.96	-258.78	14,610,204.870	1,999,536.483	40.223969863°N	109.713501526°W
5,306.00	5.58	235.06	5,292.44	-211.23	-266.07	14,610,199.594	1,999,529.192	40.223955668°N	109.713527914°W
5,400.00	4.61	238.14	5,386.06	-215.85	-273.03	14,610,194.982	1,999,522.237	40.223943285°N	109.713553063°W
5,495.00	5.49	241.26	5,480.69	-220.05	-280.25	14,610,190.782	1,999,515.010	40.223932041°N	109.713579165°W
5,589.00	5.10	231.94	5,574.30	-224.78	-287.49	14,610,186.044	1,999,507.778	40.223919321°N	109.713605315°W

Survey Report - Geographic

Company: Delek Energy USA
Project: Four Star
Site: Four Star 07-32-07-20 (111301)
Well: Four Star 07-32-07-20
Wellbore: 07-32
Design: 07-32

Local Co-ordinate Reference: Well Four Star 07-32-07-20
TVD Reference: KB @ 4886.00ft
MD Reference: KB @ 4886.00ft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000 SERVER DB

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
5,684.00	4.92	225.83	5,668.93	-230.23	-293.73	14,610,180.602	1,999,501.531	40.223904630°N	109.713627970°W
5,778.00	4.61	230.23	5,762.61	-235.45	-299.53	14,610,175.377	1,999,495.736	40.223890515°N	109.713648995°W
5,874.00	5.58	241.00	5,858.23	-240.18	-306.58	14,610,170.646	1,999,488.688	40.223877807°N	109.713674482°W
5,968.00	5.01	234.67	5,951.83	-244.77	-313.92	14,610,166.057	1,999,481.343	40.223865500°N	109.713701030°W
6,063.00	5.58	228.03	6,046.42	-250.26	-320.74	14,610,160.569	1,999,474.524	40.223850705°N	109.713725734°W
6,157.00	5.19	232.25	6,140.01	-255.92	-327.50	14,610,154.910	1,999,467.765	40.223835438°N	109.713750237°W
6,251.00	5.01	231.77	6,233.64	-261.06	-334.08	14,610,149.767	1,999,461.179	40.223821581°N	109.713774092°W
6,346.00	5.10	232.65	6,328.27	-266.19	-340.70	14,610,144.639	1,999,454.564	40.223807764°N	109.713798050°W
6,440.00	5.01	228.42	6,421.90	-271.45	-347.09	14,610,139.380	1,999,448.172	40.223793580°N	109.713821215°W
6,535.00	5.01	237.83	6,516.54	-276.41	-353.71	14,610,134.418	1,999,441.558	40.223780222°N	109.713845162°W
6,629.00	5.10	242.75	6,610.18	-280.51	-360.89	14,610,130.320	1,999,434.369	40.223769256°N	109.713871121°W
6,724.00	4.92	236.34	6,704.81	-284.70	-368.04	14,610,126.129	1,999,427.224	40.223758033°N	109.713896927°W
6,818.00	5.49	240.47	6,798.43	-289.15	-375.31	14,610,121.678	1,999,419.957	40.223746104°N	109.713923188°W
6,913.00	4.31	235.65	6,893.08	-293.40	-382.21	14,610,117.424	1,999,413.055	40.223734699°N	109.713948127°W
6,970.34	3.82	239.46	6,950.27	-295.59	-385.63	14,610,115.237	1,999,409.631	40.223728832°N	109.713960505°W
07-32 Tgt Green R									
7,007.00	3.52	242.45	6,986.86	-296.73	-387.68	14,610,114.096	1,999,407.580	40.223725781°N	109.713967907°W
7,102.00	4.09	237.96	7,081.65	-299.88	-393.14	14,610,110.950	1,999,402.123	40.223717360°N	109.713987617°W
7,196.00	4.61	233.26	7,175.38	-303.92	-399.01	14,610,106.912	1,999,396.254	40.223706507°N	109.714008845°W
7,290.00	4.61	228.34	7,269.07	-308.69	-404.86	14,610,102.141	1,999,390.405	40.223693643°N	109.714030042°W
7,383.00	3.91	227.94	7,361.82	-313.30	-410.01	14,610,097.533	1,999,385.258	40.223681195°N	109.714048713°W
7,477.00	3.52	237.35	7,455.62	-317.00	-414.81	14,610,093.829	1,999,380.449	40.223671218°N	109.714066130°W
7,572.00	3.60	234.76	7,550.44	-320.29	-419.71	14,610,090.535	1,999,375.558	40.223662368°N	109.714083820°W
7,667.00	4.39	244.56	7,645.21	-323.58	-425.43	14,610,087.252	1,999,369.838	40.223653583°N	109.714104474°W
7,762.00	5.01	236.87	7,739.89	-327.41	-432.18	14,610,083.423	1,999,363.081	40.223643339°N	109.714128874°W
7,857.00	5.10	236.03	7,834.52	-332.03	-439.16	14,610,078.796	1,999,356.105	40.223630915°N	109.714154097°W
7,952.00	4.92	238.05	7,929.15	-336.55	-446.12	14,610,074.281	1,999,349.147	40.223618796°N	109.714179254°W
8,046.00	4.48	240.03	8,022.84	-340.51	-452.72	14,610,070.314	1,999,342.546	40.223608167°N	109.714203100°W
8,140.00	4.22	238.14	8,116.57	-344.17	-458.84	14,610,066.654	1,999,336.428	40.223598364°N	109.714225201°W
8,235.00	4.70	233.44	8,211.28	-348.34	-464.93	14,610,062.491	1,999,330.333	40.223587176°N	109.714247246°W
8,329.00	4.39	231.64	8,304.98	-352.86	-470.84	14,610,057.964	1,999,324.419	40.223574984°N	109.714268663°W
8,424.00	4.70	232.25	8,399.69	-357.50	-476.77	14,610,053.325	1,999,318.491	40.223562483°N	109.714290137°W
8,518.00	4.09	224.96	8,493.41	-362.23	-482.19	14,610,048.595	1,999,313.077	40.223549713°N	109.714309772°W
8,613.00	4.48	233.13	8,588.14	-366.86	-487.55	14,610,043.972	1,999,307.715	40.223537233°N	109.714329216°W
8,708.00	4.61	232.03	8,682.85	-371.43	-493.53	14,610,039.397	1,999,301.737	40.223524910°N	109.714350863°W
8,802.00	4.31	229.75	8,776.56	-376.04	-499.20	14,610,034.791	1,999,296.063	40.223512490°N	109.714371423°W
8,897.00	5.01	226.26	8,871.25	-381.21	-504.92	14,610,029.616	1,999,290.341	40.223498511°N	109.714392184°W
8,991.00	4.92	230.36	8,964.89	-386.62	-510.99	14,610,024.207	1,999,284.272	40.223483901°N	109.714414203°W
9,085.00	5.10	230.14	9,058.54	-391.87	-517.30	14,610,018.957	1,999,277.961	40.223469740°N	109.714437078°W
9,180.00	5.10	228.50	9,153.16	-397.38	-523.71	14,610,013.453	1,999,271.557	40.223454884°N	109.714460299°W
9,273.00	4.92	226.45	9,245.80	-402.86	-529.69	14,610,007.966	1,999,265.571	40.223440059°N	109.714482023°W
9,368.00	5.10	227.86	9,340.44	-408.50	-535.78	14,610,002.327	1,999,259.487	40.223424817°N	109.714504104°W
9,462.00	5.01	228.65	9,434.08	-414.02	-541.96	14,609,996.812	1,999,253.308	40.223409922°N	109.714526521°W
9,557.00	4.79	226.67	9,528.73	-419.48	-547.96	14,609,991.349	1,999,247.309	40.223395164°N	109.714548291°W
9,651.00	4.61	229.66	9,622.41	-424.62	-553.69	14,609,986.211	1,999,241.574	40.223381285°N	109.714569094°W
9,746.00	4.48	226.54	9,717.11	-429.64	-559.29	14,609,981.188	1,999,235.971	40.223367717°N	109.714589422°W
9,842.00	4.09	224.96	9,812.85	-434.64	-564.43	14,609,976.186	1,999,230.831	40.223354190°N	109.714608093°W
9,937.00	4.09	226.23	9,907.60	-439.38	-569.27	14,609,971.445	1,999,225.990	40.223341367°N	109.714625674°W
10,033.00	3.78	222.06	10,003.38	-444.10	-573.87	14,609,966.728	1,999,221.398	40.223328597°N	109.714642366°W
10,128.00	3.52	216.65	10,098.18	-448.77	-577.70	14,609,962.063	1,999,217.560	40.223315943°N	109.714656356°W
10,224.00	3.21	210.45	10,194.02	-453.45	-580.83	14,609,957.381	1,999,214.438	40.223303214°N	109.714667778°W
10,319.00	2.68	197.10	10,288.89	-457.86	-582.83	14,609,952.966	1,999,212.437	40.223291171°N	109.714675174°W
10,400.00	2.68	197.10	10,369.81	-461.48	-583.94	14,609,949.346	1,999,211.324	40.223281277°N	109.714679350°W

Proj to TD at 10400 MD/10370 TVD

Survey Report - Geographic

Company: Delek Energy USA	Local Co-ordinate Reference: Well Four Star 07-32-07-20
Project: Four Star	TVD Reference: KB @ 4886.00ft
Site: Four Star 07-32-07-20 (111301)	MD Reference: KB @ 4886.00ft
Well: Four Star 07-32-07-20	North Reference: Grid
Wellbore: 07-32	Survey Calculation Method: Minimum Curvature
Design: 07-32	Database: EDM 5000 SERVER DB

Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
10,400.00	10,369.81	-461.48	-583.94	Proj to TD at 10400 MD/10370 TVD

Checked By: _____	Approved By: _____	Date: _____
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STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: Patent
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME: AURORA (DEEP)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FOUR STAR 7-32-7-20
2. NAME OF OPERATOR: ELK RESOURCES, LLC	9. API NUMBER: 43047512850000
3. ADDRESS OF OPERATOR: 1401 17th Street, Suite 700 , Denver, CO, 80202	PHONE NUMBER: 303 296-4505 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2425 FSL 2332 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 07 Township: 07.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: WILDCAT
	COUNTY: UINTAH
	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 2/24/2011	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input checked="" type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Elk Resources, LLC is requesting Wildcat status for the Four Star 7-32-7-20 oil well. This well was completed on 2/24/2011 and began producing on 2/25/2011 from the Wasatch formation. As can be seen from the attached plat (showing all wells within a one mile radius of the Four Star 7-32), there are no wells within a one mile radius of the Four Star 7-32.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: 03/15/2011
By: *Derek Quist*

NAME (PLEASE PRINT) Merrell Olsen	PHONE NUMBER 303 339-1919	TITLE Engineer I
SIGNATURE N/A		DATE 3/2/2011



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047512850000

See Attached Statement of Basis.

DIVISION OF OIL, GAS AND MINING
Wildcat Well Determination
STATEMENT OF BASIS

Applicant: Elk Resources, LLC

Location: NESW SEC 07 T070S R200E Uintah county, Utah

WELL NAME: FOUR STAR 7-32-7-20 **API #:** 43-047-51285

FINDINGS

1. This well reported first production on February 25, 2011 in the Wasatch formation.
2. Subject well reached total depth on December 28, 2010 and was completed on February 24, 2011.
3. This well was > 1 mile from any known production in all formations at the time of the completion and the start of commercial production. (Attachment A)

CONCLUSIONS

Based on the findings above the Division has determined the Four Star 7-32-7-20 well was drilled into an unknown area for the Wasatch formation. The Division finds that this well qualifies for the severance tax exemption under Section 59-5-102(5)(b) for wildcat wells. This determination was made in accordance with Oil and Gas General Conservation Rule R649-3-35. If the operator disagrees with this determination, the decision may be appealed to the Board of Oil Gas and Mining.

Reviewer(s): Dustin K. Doucet DKD

Date: 3/15/2011

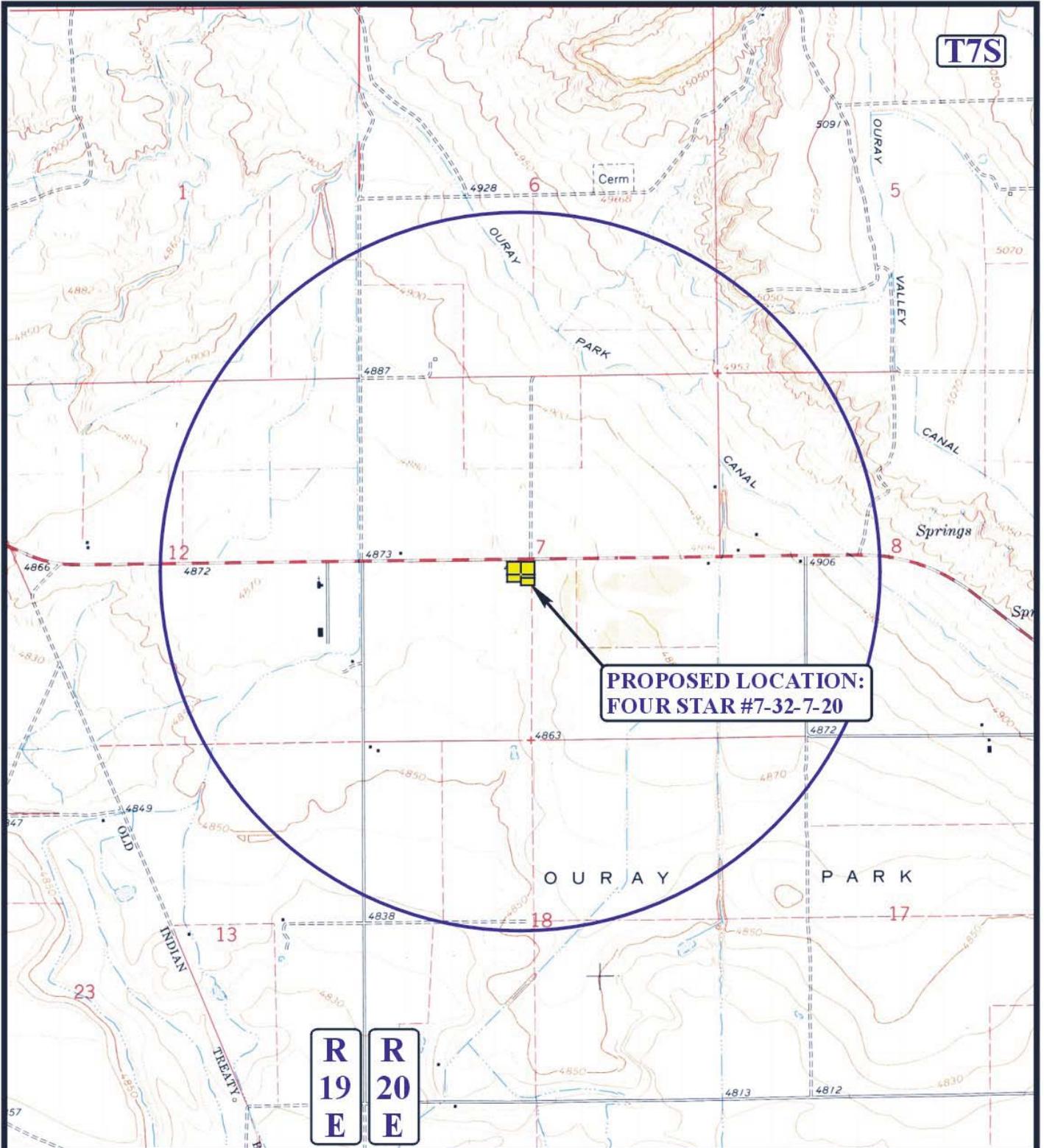
Joshua J. Payne

Date: March 3, 2011

ATTACHMENT A

1 Mile Area of Review

API	WELL_NAME	Well Status	QTR	SECT	TOWN	RANGE	CUM OIL	CUM GAS	FIELD TYPE	Dx From Well (ft)	Rotar Spud	Date TD Reached	Date First Produced	Producing Formation
4304751285	FOUR STAR 7-32-7-20	DRL	NESW	07	070S	200E	0	0	W	0	12/2/2010	12/22/2010	2/25/2011	Wasatch



**PROPOSED LOCATION:
FOUR STAR #7-32-7-20**

**R
19
E** **R
20
E**

LEGEND:

- ⊗ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ⊗ WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



ELK RESOURCES, LLC

**FOUR STAR #7-32-7-20
SECTION 7, T7S, R20E, S.L.B.&M.
2425' FSL 2332' FWL**



Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

12 23 09
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.H. REVISED: 00-00-00



C

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Elk Resources, LLC Operator Account Number: N 3480
 Address: 1401 17th Street, Suite 700
city Denver
state CO zip 80202 Phone Number: (303) 296-4505

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304751285	Four Star 7-32-7-20		NESW	7	7S	20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
C	17881	17881	11/25/2010		2/24/11		
Comments: This well was completed in the <u>Wasatch</u> formation on 2/24/11.							CONFIDENTIAL

3/10/2011

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Merrell Olsen

Name (Please Print)

Merrell Olsen

Signature

Engineer I

3/10/2011

Title

Date

RECEIVED

MAR 10 2011

(5/2000)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF WORK: NEW WELL HORIZ. LATS. DEEP-EN RE-ENTRY DIFF. RESVR. OTHER _____

2. NAME OF OPERATOR: **Elk Resources, LLC**

3. ADDRESS OF OPERATOR: **1401 17th Street, Ste 700** CITY **Denver** STATE **CO** ZIP **80202** PHONE NUMBER: **(303) 296-4505**

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: **2425' FSL & 2332' FWL**
AT TOP PRODUCING INTERVAL REPORTED BELOW: **2128' FSL & 1944' FWL**
AT TOTAL DEPTH: **1964' FSL & 1748' FWL**

5. LEASE DESIGNATION AND SERIAL NUMBER: **Patent**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: _____

7. UNIT or CA AGREEMENT NAME: **Aurora (Deep)**

8. WELL NAME and NUMBER: **Four Star 7-32-7-20**

9. API NUMBER: **4304751285**

10. FIELD AND POOL, OR WILDCAT: **Wildcat**

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NESW 7 7S 20E S**

12. COUNTY: **Uintah** 13. STATE: **UTAH**

14. DATE SPURRED: **11/25/2010** 15. DATE T.D. REACHED: **12/22/2010** 16. DATE COMPLETED: **2/24/2011** ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL): **4866' GL**

18. TOTAL DEPTH: MD **10,400** TVD **10,370** 19. PLUG BACK T.D.: MD **10,364** TVD **10,338 4** 20. IF MULTIPLE COMPLETIONS, HOW MANY? * _____

21. DEPTH BRIDGE MD _____ PLUG SET: _____ TVD _____

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) **BAVI Dual, Neutron Density, Sonic MUD, GR DIGITAL ACOUSTIC (GR) MICRO LL, DIG SPECTROLOG**

23. WAS WELL CORED? NO YES (Submit analysis)
WAS DST RUN? NO YES (Submit report)
DIRECTIONAL SURVEY? NO YES (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
26	20		0	70		G 400		Surface	
17 1/2	13 3/8 J-55	54.4	0	804		PremG 760	156	Surface	
12 1/4	9 5/8 J-55	40	0	4,411		Type V 850	483	Surface	
7 7/8	5 1/2 N80	17	0	10,377	7,952	PL II 835	306	3038	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875	7,868							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Wasatch	8,122	10,340	8,070	10,305	8,454 10,324	0.4	212	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
8454 - 10324'	Frac - 276,953 gallons fluid & 489,730#'s 20/40 sand

RECEIVED
MAR 07 2011

DIV. OF OIL, GAS & MINING

29. ENCLOSED ATTACHMENTS:

ELECTRICAL/MECHANICAL LOGS GEOLOGIC REPORT DST REPORT DIRECTIONAL SURVEY
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION CORE ANALYSIS OTHER: _____

30. WELL STATUS: **PR**

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 2/25/2011		TEST DATE: 2/25/2011		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL - BBL: 144	GAS - MCF: 40	WATER - BBL: 197	PROD. METHOD: FL
CHOKE SIZE:	TBG. PRESS. 220	CSG. PRESS. 20	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 144	GAS - MCF: 40	WATER - BBL: 197	INTERVAL STATUS: PR	

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:	

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:	

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:	

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Flared

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Uinta	1,114
				Green River	3,952
				Mahogany	4,892
				Middle Green River	6,502
				Lower Green River	6,554
				Wasatch	8,126
				Mesaverde	10,340

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Merrell Olsen

TITLE Engineer I

SIGNATURE



DATE

3/1/2011

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

Carol Daniels - Elk Resources - Four Star 7-32 (API #047-51285) Directional Survey

From: "Merrell Olsen"
To: "Carol Daniels"
Date: 2/24/2011 10:44 AM
Subject: Elk Resources - Four Star 7-32 (API #047-51285) Directional Survey
Attachments:

Hello Carol,

Please find attached our as-drilled directional survey for the Four Star 7-32-7-20 well. I was under the impression that this was to be filed with the well completion report, but was reading the regulations today and realized that it might need to be sent in earlier than that. Thank you and I apologize for the delay.

Sincerely,

Merrell Olsen
Delek Energy US
P: 303.339.1919
F: 303.339.1917

The information contained in this email message is confidential and proprietary information intended only for the use of the individual or entity named above. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are notified that any dissemination, distribution or copying of this communication is strictly prohibited.

If you have received this communication in error, please delete it immediately and notify us by return email or by telephone at (303) 296-4505. Unless specifically stated otherwise, this communication does not reflect an intention by the sender to conduct a transaction or make any agreement by electronic means or to constitute an electronic signature.

*Delek
This is a copy of
the P.S. that came in
earlier & sent to be
scanned & put in file.
If not needed,
shred it.*

Carol Daniels - Re: Elk Resources - Four Star 7-32 (API #047-51285) Directional Survey

From: Carol Daniels
To: Merrell Olsen
Subject: Re: Elk Resources - Four Star 7-32 (API #047-51285) Directional Survey

Good morning Merrell,

You are fine with sending in the directional survey. We generally receive them with the Well Completion Report as the Bottom hole location is checked with the survey & the completion report. It is easier to have everything together.

Carol Daniels

>>> "Merrell Olsen" <molsen@delekenergyus.com> 2/24/2011 10:43 AM >>>
Hello Carol,

Please find attached our as-drilled directional survey for the Four Star 7-32-7-20 well. I was under the impression that this was to be filed with the well completion report, but was reading the regulations today and realized that it might need to be sent in earlier than that. Thank you and I apologize for the delay.

Sincerely,

Merrell Olsen
Delek Energy US
P: 303.339.1919
F: 303.339.1917

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If you have received this communication in error, please delete it immediately and notify us by return email or by telephone at (303) 296-4505. Unless specifically stated otherwise, this communication does not reflect an intention by the sender to conduct a transaction or make any agreement by electronic means or to constitute an electronic signature.

COPY

CONFIDENTIAL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: Patent
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: Aurora (Deep)
2. NAME OF OPERATOR: Elk Resources, LLC		8. WELL NAME and NUMBER: Four Star 7-32-7-20
3. ADDRESS OF OPERATOR: 1401 17th Street, Ste. 700 CITY Denver STATE CO ZIP 80202		9. API NUMBER: 4304751285
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 2425 FSL 2332 FWL		10. FIELD AND POOL, OR WILDCAT: Wildcat
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 7 7S 20E S		COUNTY: Uintah STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 12/28/2010	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Filing as-drilled</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>Directional Survey</u>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
Please see the attached as-drilled Directional Survey for the Four Star 7-32-7-20.

RECEIVED

FEB 24 2011

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Merrell Olsen</u>	TITLE <u>Engineer I</u>
SIGNATURE <u><i>Merrell Olsen</i></u>	DATE <u>2/24/2011</u>

(This space for State use only)

CONFIDENTIAL

Delek Energy USA

Four Star

Four Star 07-32-07-20 (111301)

Four Star 07-32-07-20

API# 43-047-51285

07-32

Survey: 07-32

Survey Report - Geographic

28 December, 2010

RECEIVED

FEB 24 2011

DIV. OF OIL, GAS & MINING

Survey Report - Geographic

API # 43-047-51285

Company: Delek Energy USA
 Project: Four Star
 Site: Four Star 07-32-07-20 (111301)
 Well: Four Star 07-32-07-20
 Wellbore: 07-32
 Design: 07-32

Local Co-ordinate Reference: Well Four Star 07-32-07-20
 TVD Reference: KB @ 4886.00ft
 MD Reference: KB @ 4886.00ft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: EDM 5000 SERVER DB

Project: Four Star

Map System: Universal Transverse Mercator (US Survey Feet) System Datum: Mean Sea Level
 Geo Datum: NAD 1927 - Western US
 Map Zone: Zone 12N (114 W to 108 W)

Site: Four Star 07-32-07-20 (111301)

Site Position: Northing: 14,610,410.808 usft Latitude: 40.224524946°N
 From: Lat/Long Easting: 1,999,795.274 usft Longitude: 109.712563960°W
 Position Uncertainty: 0.00 ft Slot Radius: 13.20 in Grid Convergence: 0.83 °

Well: Four Star 07-32-07-20

Well Position +N-S 0.00 ft Northing: 14,610,410.827 usft Latitude: 40.224525000°N
 +E-W 0.00 ft Easting: 1,999,795.263 usft Longitude: 109.712564000°W
 Position Uncertainty 0.00 ft Wellhead Elevation: ft Ground Level: 4,866.00 ft

Wellbore: 07-32

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	1/13/2011	11.25	66.02	52,464

Design: 07-32

Audit Notes:

Version: 1.0 Phase: ACTUAL Tie On Depth: 0.00

Vertical Section:	Depth From (TVD) (ft)	+N-S (ft)	+E-W (ft)	Direction (°)
	0.00	0.00	0.00	231.98

Survey Program Date: 12/22/2010

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
867.07	10,400.00	07-32 (07-32)		

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.00	0.00	0.00	0.00	0.00	0.00	14,610,410.827	1,999,795.263	40.224525000°N	109.712564000°W
867.07	0.70	180.13	867.05	-5.30	-0.01	14,610,405.531	1,999,795.251	40.224510459°N	109.712564318°W
897.91	0.70	182.64	897.89	-5.67	-0.02	14,610,405.154	1,999,795.242	40.224509425°N	109.712564370°W
928.80	0.70	245.35	928.77	-5.94	-0.20	14,610,404.887	1,999,795.061	40.224508699°N	109.712565030°W
960.37	0.88	223.95	960.34	-6.20	-0.54	14,610,404.632	1,999,794.718	40.224508013°N	109.712566273°W
991.93	1.51	222.54	991.89	-6.68	-0.99	14,610,404.151	1,999,794.269	40.224506710°N	109.712567908°W
1,023.39	1.49	220.34	1,023.34	-7.29	-1.54	14,610,403.534	1,999,793.724	40.224505038°N	109.712569892°W
1,054.89	2.29	225.75	1,054.83	-8.04	-2.26	14,610,402.783	1,999,793.008	40.224503003°N	109.712572495°W
1,086.40	2.29	229.75	1,086.31	-8.89	-3.19	14,610,401.937	1,999,792.076	40.224500718°N	109.712575875°W
1,117.88	2.68	231.55	1,117.76	-9.75	-4.24	14,610,401.073	1,999,791.020	40.224498388°N	109.712579703°W
1,149.42	3.21	229.35	1,149.26	-10.79	-5.49	14,610,400.039	1,999,789.772	40.224495599°N	109.712584225°W
1,180.94	2.99	225.31	1,180.73	-11.94	-6.74	14,610,398.886	1,999,788.518	40.224492484°N	109.712588776°W

Survey Report - Geographic

Company: Delek Energy USA
 Project: Four Star
 Site: Four Star 07-32-07-20 (111301)
 Well: Four Star 07-32-07-20
 Wellbore: 07-32
 Design: 07-32

Local Co-ordinate Reference: Well Four Star 07-32-07-20
 TVD Reference: KB @ 4886.00ft
 MD Reference: KB @ 4886.00ft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: EDM 5000 SERVER DB

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
1,212.44	3.38	225.35	1,212.18	-13.17	-7.99	14,610,397.655	1,999,787.274	40.224489155°N	109.712593297°W	
1,243.83	4.00	234.67	1,243.51	-14.46	-9.54	14,610,396.372	1,999,785.722	40.224485694°N	109.712598921°W	
1,275.33	4.22	234.33	1,274.93	-15.77	-11.38	14,610,395.061	1,999,783.884	40.224482167°N	109.712605572°W	
1,306.79	4.48	233.26	1,306.30	-17.18	-13.30	14,610,393.651	1,999,781.959	40.224478373°N	109.712612539°W	
1,338.31	4.92	227.55	1,337.71	-18.83	-15.29	14,610,392.002	1,999,779.976	40.224473926°N	109.712619730°W	
1,369.86	4.70	230.45	1,369.15	-20.56	-17.28	14,610,390.266	1,999,777.981	40.224469238°N	109.712626965°W	
1,401.08	5.10	228.65	1,400.26	-22.29	-19.31	14,610,388.535	1,999,775.953	40.224464566°N	109.712634319°W	
1,432.62	5.32	230.67	1,431.67	-24.15	-21.49	14,610,386.682	1,999,773.769	40.224459566°N	109.712642235°W	
1,464.20	5.49	232.65	1,463.11	-25.99	-23.83	14,610,384.838	1,999,771.436	40.224454596°N	109.712650687°W	
1,495.71	5.41	236.45	1,494.47	-27.73	-26.26	14,610,383.102	1,999,769.000	40.224449928°N	109.712659503°W	
1,527.27	4.92	240.86	1,525.91	-29.21	-28.69	14,610,381.621	1,999,766.578	40.224445958°N	109.712668254°W	
1,558.75	4.92	242.75	1,557.27	-30.48	-31.06	14,610,380.346	1,999,764.199	40.224442551°N	109.712676842°W	
1,590.21	4.70	241.66	1,588.62	-31.71	-33.40	14,610,379.116	1,999,761.865	40.224439269°N	109.712685264°W	
1,684.81	4.61	233.66	1,682.91	-35.80	-39.87	14,610,375.023	1,999,755.391	40.224428291°N	109.712708662°W	
1,779.20	5.58	229.57	1,776.92	-41.03	-46.42	14,610,369.799	1,999,748.843	40.224414209°N	109.712847045°W	
1,873.77	5.01	240.34	1,871.09	-46.05	-53.51	14,610,364.774	1,999,741.754	40.224400695°N	109.712758037°W	
1,968.23	4.00	237.26	1,965.26	-49.88	-59.86	14,610,360.951	1,999,735.399	40.224390453°N	109.712780998°W	
2,062.73	4.79	232.25	2,059.48	-54.07	-65.76	14,610,356.753	1,999,729.506	40.224379161°N	109.712802319°W	
2,157.30	4.79	234.36	2,153.72	-58.79	-72.09	14,610,352.035	1,999,723.176	40.224366460°N	109.712825239°W	
2,251.62	4.61	228.03	2,247.72	-63.62	-78.11	14,610,347.205	1,999,717.157	40.224353441°N	109.712847045°W	
2,346.00	4.09	229.13	2,341.83	-68.36	-83.47	14,610,342.467	1,999,711.792	40.224340645°N	109.712866507°W	
2,440.00	4.61	232.34	2,435.56	-72.86	-89.00	14,610,337.965	1,999,706.266	40.224328506°N	109.712886531°W	
2,535.00	5.10	228.87	2,530.22	-77.97	-95.20	14,610,332.855	1,999,700.064	40.224314724°N	109.712909012°W	
2,629.00	5.19	221.53	2,623.84	-83.90	-101.17	14,610,326.924	1,999,694.098	40.224298679°N	109.712930687°W	
2,724.00	4.31	229.35	2,718.52	-89.45	-106.72	14,610,321.382	1,999,688.540	40.224283684°N	109.712950878°W	
2,818.39	4.39	249.04	2,812.64	-93.05	-112.79	14,610,317.779	1,999,682.476	40.224274034°N	109.712972787°W	
2,912.00	4.79	245.26	2,905.95	-95.97	-119.68	14,610,314.862	1,999,675.580	40.224266300°N	109.712997634°W	
3,007.52	5.58	245.74	3,001.08	-99.54	-127.54	14,610,311.284	1,999,667.724	40.224256791°N	109.713025957°W	
3,101.94	5.41	237.04	3,095.07	-103.85	-135.46	14,610,306.977	1,999,659.804	40.224245280°N	109.713054546°W	
3,196.00	5.32	233.04	3,188.71	-108.89	-142.66	14,610,301.942	1,999,652.599	40.224231746°N	109.713080612°W	
3,290.00	5.01	225.04	3,282.33	-114.41	-149.05	14,610,296.422	1,999,646.213	40.224218844°N	109.713103772°W	
3,385.00	4.61	230.76	3,377.00	-119.75	-154.94	14,610,291.076	1,999,640.321	40.224202401°N	109.713125152°W	
3,479.00	4.61	238.54	3,470.70	-124.11	-161.09	14,610,286.715	1,999,634.173	40.224190673°N	109.713147398°W	
3,574.64	4.09	232.47	3,566.06	-128.20	-167.07	14,610,282.631	1,999,628.190	40.224179700°N	109.713169040°W	
3,668.90	4.31	227.77	3,660.07	-132.62	-172.36	14,610,278.203	1,999,622.901	40.224167753°N	109.713188210°W	
3,763.28	4.48	224.25	3,754.17	-137.65	-177.56	14,610,273.179	1,999,617.703	40.224154167°N	109.713207089°W	
3,857.50	4.00	231.15	3,848.13	-142.35	-182.69	14,610,268.481	1,999,612.576	40.224141475°N	109.713225695°W	
3,951.00	4.09	231.86	3,941.40	-146.45	-187.85	14,610,264.377	1,999,607.414	40.224130411°N	109.713244397°W	
4,046.00	4.09	228.55	4,036.16	-150.79	-193.05	14,610,260.042	1,999,602.210	40.224118717°N	109.713263260°W	
4,142.34	4.22	226.85	4,132.25	-155.48	-198.21	14,610,255.343	1,999,597.049	40.224106023°N	109.713281989°W	
4,236.00	3.78	236.34	4,225.68	-159.55	-203.30	14,610,251.275	1,999,591.965	40.224095057°N	109.713300408°W	
4,331.00	3.38	244.95	4,320.49	-162.47	-208.44	14,610,248.354	1,999,586.821	40.224087241°N	109.713318982°W	
4,454.00	3.38	241.17	4,443.28	-165.76	-214.90	14,610,245.070	1,999,580.360	40.224078483°N	109.713342294°W	
4,548.00	4.22	225.26	4,537.07	-169.53	-219.79	14,610,241.299	1,999,575.475	40.224068325°N	109.713359983°W	
4,646.00	5.19	224.17	4,634.74	-175.25	-225.44	14,610,235.582	1,999,569.826	40.224052853°N	109.713380515°W	
4,739.00	4.92	215.56	4,727.38	-181.51	-230.69	14,610,229.320	1,999,564.575	40.224035871°N	109.713399645°W	
4,833.00	4.09	217.53	4,821.09	-187.45	-235.07	14,610,223.382	1,999,560.189	40.224019744°N	109.713415663°W	
4,928.00	4.00	226.45	4,915.86	-192.41	-239.54	14,610,218.413	1,999,555.724	40.224006278°N	109.713431914°W	
5,022.00	4.48	238.75	5,009.60	-196.58	-245.05	14,610,214.249	1,999,550.209	40.223995067°N	109.713451882°W	
5,117.00	5.10	235.63	5,104.27	-200.89	-251.71	14,610,209.941	1,999,543.551	40.223983503°N	109.713475949°W	
5,212.00	5.41	233.13	5,198.87	-205.96	-258.78	14,610,204.870	1,999,536.483	40.223969863°N	109.713501526°W	
5,306.00	5.58	235.06	5,292.44	-211.23	-266.07	14,610,199.594	1,999,529.192	40.223955668°N	109.713527914°W	
5,400.00	4.61	238.14	5,386.06	-215.85	-273.03	14,610,194.982	1,999,522.237	40.223943285°N	109.713553063°W	
5,495.00	5.49	241.26	5,480.69	-220.05	-280.25	14,610,190.782	1,999,515.010	40.223932041°N	109.713579165°W	
5,589.00	5.10	231.94	5,574.30	-224.78	-287.49	14,610,186.044	1,999,507.778	40.223919321°N	109.713605315°W	

Survey Report - Geographic

Company:	Delek Energy USA	Local Co-ordinate Reference:	Well Four Star 07-32-07-20
Project:	Four Star	TVD Reference:	KB @ 4886.00ft
Site:	Four Star 07-32-07-20 (111301)	MD Reference:	KB @ 4886.00ft
Well:	Four Star 07-32-07-20	North Reference:	Grid
Wellbore:	07-32	Survey Calculation Method:	Minimum Curvature
Design:	07-32	Database:	EDM 5000 SERVER DB

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map		Latitude	Longitude
						Northing (usft)	Easting (usft)		
5,684.00	4.92	225.83	5,668.93	-230.23	-293.73	14,610,180.602	1,999,501.531	40.223904630°N	109.713627970°W
5,778.00	4.61	230.23	5,762.61	-235.45	-299.53	14,610,175.377	1,999,495.736	40.223890515°N	109.713648995°W
5,874.00	5.58	241.00	5,858.23	-240.18	-306.58	14,610,170.646	1,999,488.688	40.223877807°N	109.713674482°W
5,968.00	5.01	234.67	5,951.83	-244.77	-313.92	14,610,166.057	1,999,481.343	40.223865500°N	109.713701030°W
6,063.00	5.58	228.03	6,046.42	-250.26	-320.74	14,610,160.569	1,999,474.524	40.223850705°N	109.713725734°W
6,157.00	5.19	232.25	6,140.01	-255.92	-327.50	14,610,154.910	1,999,467.765	40.223835438°N	109.713750237°W
6,251.00	5.01	231.77	6,233.64	-261.06	-334.08	14,610,149.767	1,999,461.179	40.223821581°N	109.713774092°W
6,346.00	5.10	232.65	6,328.27	-266.19	-340.70	14,610,144.639	1,999,454.564	40.223807764°N	109.713798050°W
6,440.00	5.01	228.42	6,421.90	-271.45	-347.09	14,610,139.380	1,999,448.172	40.223793580°N	109.713821215°W
6,535.00	5.01	237.83	6,516.54	-276.41	-353.71	14,610,134.418	1,999,441.558	40.223780222°N	109.713845162°W
6,629.00	5.10	242.75	6,610.18	-280.51	-360.89	14,610,130.320	1,999,434.369	40.223769256°N	109.713871121°W
6,724.00	4.92	236.34	6,704.81	-284.70	-368.04	14,610,126.129	1,999,427.224	40.223758033°N	109.713896927°W
6,818.00	5.49	240.47	6,798.43	-289.15	-375.31	14,610,121.678	1,999,419.957	40.223746104°N	109.713923188°W
6,913.00	4.31	235.65	6,893.08	-293.40	-382.21	14,610,117.424	1,999,413.055	40.223734699°N	109.713948127°W
6,970.34	3.82	239.46	6,950.27	-295.59	-385.63	14,610,115.237	1,999,409.631	40.223728832°N	109.713960505°W
07-32 Tgt Green R									
7,007.00	3.52	242.45	6,986.86	-296.73	-387.68	14,610,114.096	1,999,407.580	40.223725781°N	109.713967907°W
7,102.00	4.09	237.96	7,081.65	-299.88	-393.14	14,610,110.950	1,999,402.123	40.223717360°N	109.713987617°W
7,196.00	4.61	233.26	7,175.38	-303.92	-399.01	14,610,106.912	1,999,396.254	40.223706507°N	109.714008845°W
7,290.00	4.61	228.34	7,269.07	-308.69	-404.86	14,610,102.141	1,999,390.405	40.223693643°N	109.714030042°W
7,383.00	3.91	227.94	7,361.82	-313.30	-410.01	14,610,097.533	1,999,385.258	40.223681195°N	109.714048713°W
7,477.00	3.52	237.35	7,455.62	-317.00	-414.81	14,610,093.829	1,999,380.449	40.223671218°N	109.714066130°W
7,572.00	3.60	234.76	7,550.44	-320.29	-419.71	14,610,090.535	1,999,375.558	40.223662368°N	109.714083820°W
7,667.00	4.39	244.56	7,645.21	-323.58	-425.43	14,610,087.252	1,999,369.838	40.223653583°N	109.714104474°W
7,762.00	5.01	236.87	7,739.89	-327.41	-432.18	14,610,083.423	1,999,363.081	40.223643339°N	109.714128874°W
7,857.00	5.10	236.03	7,834.52	-332.03	-439.16	14,610,078.796	1,999,356.105	40.223630915°N	109.714154097°W
7,952.00	4.92	238.05	7,929.15	-336.55	-446.12	14,610,074.281	1,999,349.147	40.223618796°N	109.714179254°W
8,046.00	4.48	240.03	8,022.84	-340.51	-452.72	14,610,070.314	1,999,342.546	40.223607167°N	109.714203100°W
8,140.00	4.22	238.14	8,116.57	-344.17	-458.84	14,610,066.654	1,999,336.428	40.223598364°N	109.714225201°W
8,235.00	4.70	233.44	8,211.28	-348.34	-464.93	14,610,062.491	1,999,330.333	40.223587176°N	109.714247246°W
8,329.00	4.39	231.64	8,304.98	-352.86	-470.84	14,610,057.964	1,999,324.419	40.223574984°N	109.714268663°W
8,424.00	4.70	232.25	8,399.69	-357.50	-476.77	14,610,053.325	1,999,318.491	40.223562483°N	109.714290137°W
8,518.00	4.09	224.96	8,493.41	-362.23	-482.19	14,610,048.595	1,999,313.077	40.223549713°N	109.714309772°W
8,613.00	4.48	233.13	8,588.14	-366.86	-487.55	14,610,043.972	1,999,307.715	40.223537233°N	109.714329216°W
8,708.00	4.61	232.03	8,682.85	-371.43	-493.53	14,610,039.397	1,999,301.737	40.223524910°N	109.714350863°W
8,802.00	4.31	229.75	8,776.56	-376.04	-499.20	14,610,034.791	1,999,296.063	40.223512490°N	109.714371423°W
8,897.00	5.01	226.26	8,871.25	-381.21	-504.92	14,610,029.616	1,999,290.341	40.223498511°N	109.714392184°W
8,991.00	4.92	230.36	8,964.89	-386.62	-510.99	14,610,024.207	1,999,284.272	40.223483901°N	109.714414203°W
9,085.00	5.10	230.14	9,058.54	-391.87	-517.30	14,610,018.957	1,999,277.961	40.223469740°N	109.714437078°W
9,180.00	5.10	228.50	9,153.16	-397.38	-523.71	14,610,013.453	1,999,271.557	40.223454884°N	109.714460299°W
9,273.00	4.92	226.45	9,245.80	-402.86	-529.69	14,610,007.966	1,999,265.571	40.223440059°N	109.714482023°W
9,368.00	5.10	227.86	9,340.44	-408.50	-535.78	14,610,002.327	1,999,259.487	40.223424817°N	109.714504104°W
9,462.00	5.01	228.65	9,434.08	-414.02	-541.96	14,609,996.812	1,999,253.308	40.223409922°N	109.714526521°W
9,557.00	4.79	226.67	9,528.73	-419.48	-547.96	14,609,991.349	1,999,247.309	40.223395164°N	109.714548291°W
9,651.00	4.61	229.66	9,622.41	-424.62	-553.69	14,609,986.211	1,999,241.574	40.223381285°N	109.714569094°W
9,746.00	4.48	226.54	9,717.11	-429.64	-559.29	14,609,981.188	1,999,235.971	40.223367717°N	109.714589422°W
9,842.00	4.09	224.96	9,812.85	-434.64	-564.43	14,609,976.186	1,999,230.831	40.223354190°N	109.714608093°W
9,937.00	4.09	226.23	9,907.60	-439.38	-569.27	14,609,971.445	1,999,225.990	40.223341367°N	109.714625674°W
10,033.00	3.78	222.06	10,003.38	-444.10	-573.87	14,609,966.728	1,999,221.398	40.223328597°N	109.714642366°W
10,128.00	3.52	216.65	10,098.18	-448.77	-577.70	14,609,962.063	1,999,217.560	40.223315943°N	109.714656356°W
10,224.00	3.21	210.45	10,194.02	-453.45	-580.83	14,609,957.381	1,999,214.438	40.223303214°N	109.714667778°W
10,319.00	2.68	197.10	10,288.89	-457.86	-582.83	14,609,952.966	1,999,212.437	40.223291171°N	109.714675174°W
10,400.00	2.68	197.10	10,369.81	-461.48	-583.94	14,609,949.346	1,999,211.324	40.223281277°N	109.714679350°W

Proj to TD at 10400 MD/10370 TVD

Survey Report - Geographic

Company:	Delek Energy USA	Local Co-ordinate Reference:	Well Four Star 07-32-07-20
Project:	Four Star	TVD Reference:	KB @ 4886.00ft
Site:	Four Star 07-32-07-20 (111301)	MD Reference:	KB @ 4886.00ft
Well:	Four Star 07-32-07-20	North Reference:	Grid
Wellbore:	07-32	Survey Calculation Method:	Minimum Curvature
Design:	07-32	Database:	EDM 5000 SERVER DB

Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N-S (ft)	+E-W (ft)	
10,400.00	10,369.81	-461.48	-583.94	Proj to TD at 10400 MD/10370 TVD

Checked By: _____	Approved By: _____	Date: _____
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CONFIDENTIAL



End of Well Report

Prepared for

Delek Energy USA

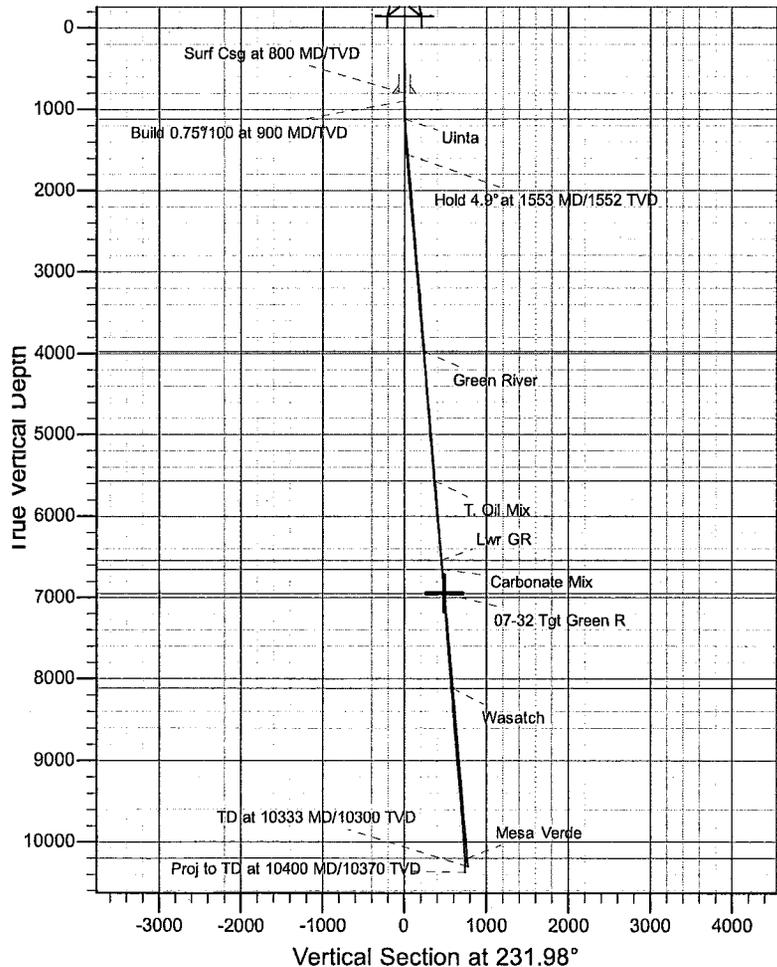
Four Star 7-32-7-20

December 29, 2010

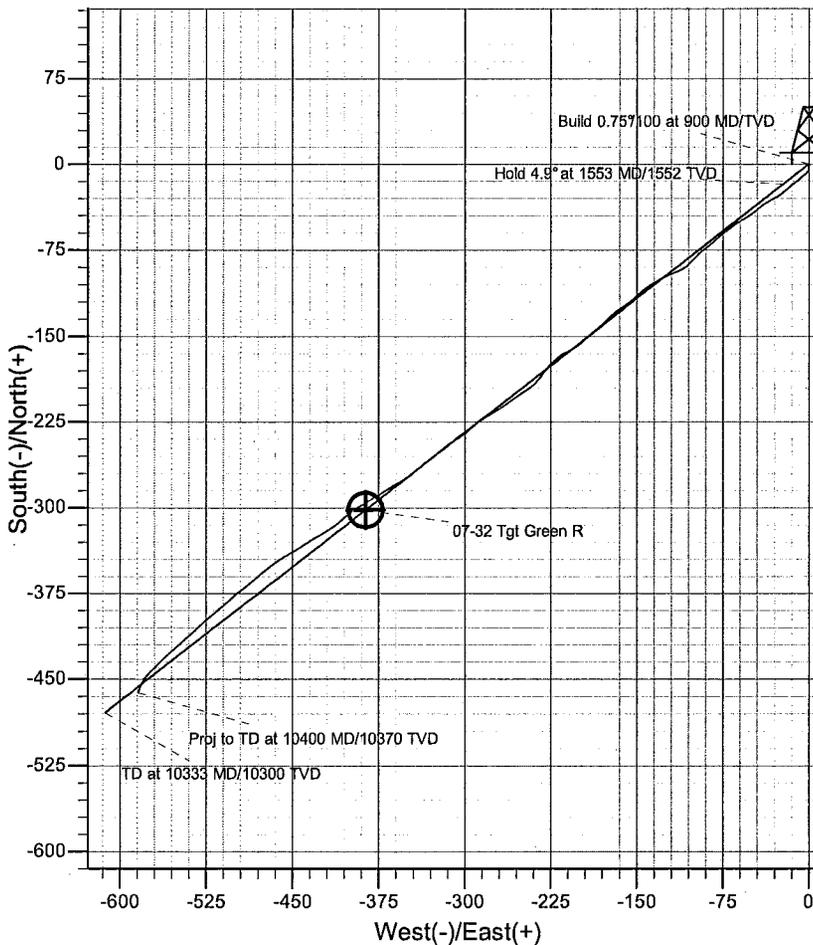
ARK Directional Services Inc
191 University Blvd, # 601
Denver, CO 80206



PLANNED VS ACTUAL



Four Star 07-32-07-20 (111301)



Azimuths to Grid North
 True North: -0.83°
 Magnetic North: 10.42°

Magnetic Field
 Strength: 52463.7snT
 Dip Angle: 66.02°
 Date: 2011/01/13
 Model: IGRF2010

PROJECT DETAILS: Four Star

Geodetic System: Universal Transverse Mercator (US Survey Feet)
 Datum: NAD 1927 - Western US
 Ellipsoid: Clarke 1866
 Zone: Zone 12N (114 W to 108 W)
 System Datum: Mean Sea Level

07-32 P04
 Created By: ARK Directional Services
 Date: 7:58, December 22 2010

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Four Star 07-32-07-20, Grid North
 Vertical (TVD) Reference: KB @ 4886.00ft
 Section (VS) Reference: Slot - (0.00N, 0.00E)
 Measured Depth Reference: KB @ 4886.00ft
 Calculation Method: Minimum Curvature

Delek Energy USA

Four Star

Four Star 07-32-07-20 (111301)

Four Star 07-32-07-20

07-32

Survey: 07-32

Survey Report - Geographic

28 December, 2010

Survey Report - Geographic

Company:	Delek Energy USA	Local Co-ordinate Reference:	Well Four Star 07-32-07-20
Project:	Four Star	TVD Reference:	KB @ 4886.00ft
Site:	Four Star 07-32-07-20 (111301)	MD Reference:	KB @ 4886.00ft
Well:	Four Star 07-32-07-20	North Reference:	Grid
Wellbore:	07-32	Survey Calculation Method:	Minimum Curvature
Design:	07-32	Database:	EDM 5000 SERVER DB

Project	Four Star		
Map System:	Universal Transverse Mercator (US Survey Feet)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 - Western US		
Map Zone:	Zone 12N (114 W to 108 W)		

Site	Four Star 07-32-07-20 (111301)				
Site Position:		Northing:	14,610,410.808 usft	Latitude:	40.224524946°N
From:	Lat/Long	Easting:	1,999,795.274 usft	Longitude:	109.712563960°W
Position Uncertainty:	0.00 ft	Slot Radius:	13.20 in	Grid Convergence:	0.83 °

Well	Four Star 07-32-07-20					
Well Position	+N-S	0.00 ft	Northing:	14,610,410.827 usft	Latitude:	40.224525000°N
	+E-W	0.00 ft	Easting:	1,999,795.263 usft	Longitude:	109.712564000°W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	4,866.00 ft

Wellbore	07-32				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	IGRF2010	1/13/2011	(°)	(°)	(nT)
			11.25	66.02	52,464

Design	07-32				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N-S	+E-W	Direction	
	(ft)	(ft)	(ft)	(°)	
	0.00	0.00	0.00		231.98

Survey Program	Date	12/22/2010			
From	To	Survey (Wellbore)	Tool Name	Description	
(ft)	(ft)				
867.07	10,400.00	07-32 (07-32)			

Survey									
Measured			Vertical			Map	Map		
Depth	Inclination	Azimuth	Depth	+N-S	+E-W	Northing	Easting	Latitude	Longitude
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(usft)	(usft)		
0.00	0.00	0.00	0.00	0.00	0.00	14,610,410.827	1,999,795.263	40.224525000°N	109.712564000°W
867.07	0.70	180.13	867.05	-5.30	-0.01	14,610,405.531	1,999,795.251	40.224510459°N	109.712564318°W
897.91	0.70	182.64	897.89	-5.67	-0.02	14,610,405.154	1,999,795.242	40.224509425°N	109.712564370°W
928.80	0.70	245.35	928.77	-5.94	-0.20	14,610,404.887	1,999,795.061	40.224508699°N	109.712565030°W
960.37	0.88	223.95	960.34	-6.20	-0.54	14,610,404.632	1,999,794.718	40.224508013°N	109.712566273°W
991.93	1.51	222.54	991.89	-6.68	-0.99	14,610,404.151	1,999,794.269	40.224506710°N	109.712567908°W
1,023.39	1.49	220.34	1,023.34	-7.29	-1.54	14,610,403.534	1,999,793.724	40.224505038°N	109.712569892°W
1,054.89	2.29	225.75	1,054.83	-8.04	-2.26	14,610,402.783	1,999,793.008	40.224503003°N	109.712572495°W
1,086.40	2.29	229.75	1,086.31	-8.89	-3.19	14,610,401.937	1,999,792.076	40.224500718°N	109.712575875°W
1,117.88	2.68	231.55	1,117.76	-9.75	-4.24	14,610,401.073	1,999,791.020	40.224498388°N	109.712579703°W
1,149.42	3.21	229.35	1,149.26	-10.79	-5.49	14,610,400.039	1,999,789.772	40.224495599°N	109.712584225°W
1,180.94	2.99	225.31	1,180.73	-11.94	-6.74	14,610,398.886	1,999,788.518	40.224492484°N	109.712588776°W

Survey Report - Geographic

Company:	Delek Energy USA	Local Co-ordinate Reference:	Well Four Star 07-32-07-20
Project:	Four Star	TVD Reference:	KB @ 4886.00ft
Site:	Four Star 07-32-07-20 (111301)	MD Reference:	KB @ 4886.00ft
Well:	Four Star 07-32-07-20	North Reference:	Grid
Wellbore:	07-32	Survey Calculation Method:	Minimum Curvature
Design:	07-32	Database:	EDM 5000 SERVER DB

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
1,212.44	3.38	225.35	1,212.18	-13.17	-7.99	14,610,397.655	1,999,787.274	40.224489155°N	109.712593297°W
1,243.83	4.00	234.67	1,243.51	-14.46	-9.54	14,610,396.372	1,999,785.722	40.224485694°N	109.712598921°W
1,275.33	4.22	234.33	1,274.93	-15.77	-11.38	14,610,395.061	1,999,783.884	40.224482167°N	109.712605572°W
1,306.79	4.48	233.26	1,306.30	-17.18	-13.30	14,610,393.651	1,999,781.959	40.224478373°N	109.712612539°W
1,338.31	4.92	227.55	1,337.71	-18.83	-15.29	14,610,392.002	1,999,779.976	40.224473926°N	109.712619730°W
1,369.86	4.70	230.45	1,369.15	-20.56	-17.28	14,610,390.266	1,999,777.981	40.224469238°N	109.712626965°W
1,401.08	5.10	228.65	1,400.26	-22.29	-19.31	14,610,388.535	1,999,775.953	40.224464566°N	109.712634319°W
1,432.62	5.32	230.67	1,431.67	-24.15	-21.49	14,610,386.682	1,999,773.769	40.224459566°N	109.712642235°W
1,464.20	5.49	232.65	1,463.11	-25.99	-23.83	14,610,384.838	1,999,771.436	40.224454596°N	109.712650687°W
1,495.71	5.41	236.45	1,494.47	-27.73	-26.26	14,610,383.102	1,999,769.000	40.224449928°N	109.712659503°W
1,527.27	4.92	240.86	1,525.91	-29.21	-28.69	14,610,381.621	1,999,766.578	40.224445958°N	109.712668254°W
1,558.75	4.92	242.75	1,557.27	-30.48	-31.06	14,610,380.346	1,999,764.199	40.224442551°N	109.712676842°W
1,590.21	4.70	241.66	1,588.62	-31.71	-33.40	14,610,379.116	1,999,761.865	40.224439269°N	109.712685264°W
1,684.81	4.61	233.66	1,682.91	-35.80	-39.87	14,610,375.023	1,999,755.391	40.224428291°N	109.712708662°W
1,779.20	5.58	229.57	1,776.92	-41.03	-46.42	14,610,369.799	1,999,748.843	40.224414209°N	109.712732388°W
1,873.77	5.01	240.34	1,871.09	-46.05	-53.51	14,610,364.774	1,999,741.754	40.224400695°N	109.712758037°W
1,968.23	4.00	237.26	1,965.26	-49.88	-59.86	14,610,360.951	1,999,735.399	40.224390453°N	109.712780998°W
2,062.73	4.79	232.25	2,059.48	-54.07	-65.76	14,610,356.753	1,999,729.506	40.224379161°N	109.712802319°W
2,157.30	4.79	234.36	2,153.72	-58.79	-72.09	14,610,352.035	1,999,723.176	40.224366460°N	109.712825239°W
2,251.62	4.61	228.03	2,247.72	-63.62	-78.11	14,610,347.205	1,999,717.157	40.224353441°N	109.712847045°W
2,346.00	4.09	229.13	2,341.83	-68.36	-83.47	14,610,342.467	1,999,711.792	40.224340645°N	109.712866507°W
2,440.00	4.61	232.34	2,435.56	-72.86	-89.00	14,610,337.965	1,999,706.266	40.224328506°N	109.712886531°W
2,535.00	5.10	228.87	2,530.22	-77.97	-95.20	14,610,332.855	1,999,700.064	40.224314724°N	109.712909012°W
2,629.00	5.19	221.53	2,623.84	-83.90	-101.17	14,610,326.924	1,999,694.098	40.224298679°N	109.712930687°W
2,724.00	4.31	229.35	2,718.52	-89.45	-106.72	14,610,321.382	1,999,688.540	40.224283684°N	109.712950878°W
2,818.39	4.39	249.04	2,812.64	-93.05	-112.79	14,610,317.779	1,999,682.476	40.224274034°N	109.712972787°W
2,912.00	4.79	245.26	2,905.95	-95.97	-119.68	14,610,314.862	1,999,675.580	40.224266300°N	109.712997634°W
3,007.52	5.58	245.74	3,001.08	-99.54	-127.54	14,610,311.284	1,999,667.724	40.224256791°N	109.713025957°W
3,101.94	5.41	237.04	3,095.07	-103.85	-135.46	14,610,306.977	1,999,659.804	40.224245280°N	109.713054546°W
3,196.00	5.32	233.04	3,188.71	-108.89	-142.66	14,610,301.942	1,999,652.599	40.224231746°N	109.713080612°W
3,290.00	5.01	225.04	3,282.33	-114.41	-149.05	14,610,296.422	1,999,646.213	40.224216844°N	109.713103772°W
3,385.00	4.61	230.76	3,377.00	-119.75	-154.94	14,610,291.076	1,999,640.321	40.224202401°N	109.713125152°W
3,479.00	4.61	238.54	3,470.70	-124.11	-161.09	14,610,286.715	1,999,634.173	40.224190673°N	109.713147398°W
3,574.64	4.09	232.47	3,566.06	-128.20	-167.07	14,610,282.631	1,999,628.190	40.224179700°N	109.713169040°W
3,668.90	4.31	227.77	3,660.07	-132.62	-172.36	14,610,278.203	1,999,622.901	40.224167753°N	109.713188210°W
3,763.28	4.48	224.25	3,754.17	-137.65	-177.56	14,610,273.179	1,999,617.703	40.224154167°N	109.713207089°W
3,857.50	4.00	231.15	3,848.13	-142.35	-182.69	14,610,268.481	1,999,612.576	40.224141475°N	109.713225695°W
3,951.00	4.09	231.86	3,941.40	-146.45	-187.85	14,610,264.377	1,999,607.414	40.224130411°N	109.713244397°W
4,046.00	4.09	228.55	4,036.16	-150.79	-193.05	14,610,260.042	1,999,602.210	40.224118717°N	109.713263260°W
4,142.34	4.22	226.85	4,132.25	-155.48	-198.21	14,610,255.343	1,999,597.049	40.224106023°N	109.713281989°W
4,236.00	3.78	236.34	4,225.68	-159.55	-203.30	14,610,251.275	1,999,591.965	40.224095057°N	109.713300408°W
4,331.00	3.38	244.95	4,320.49	-162.47	-208.44	14,610,248.354	1,999,586.821	40.224087241°N	109.713318982°W
4,454.00	3.38	241.17	4,443.28	-165.76	-214.90	14,610,245.070	1,999,580.360	40.224078483°N	109.713342294°W
4,548.00	4.22	225.26	4,537.07	-169.53	-219.79	14,610,241.299	1,999,575.475	40.224068325°N	109.713359983°W
4,646.00	5.19	224.17	4,634.74	-175.25	-225.44	14,610,235.582	1,999,569.826	40.224052853°N	109.713380515°W
4,739.00	4.92	215.56	4,727.38	-181.51	-230.69	14,610,229.320	1,999,564.575	40.224035871°N	109.713399645°W
4,833.00	4.09	217.53	4,821.09	-187.45	-235.07	14,610,223.382	1,999,560.189	40.224019744°N	109.713415663°W
4,928.00	4.00	226.45	4,915.86	-192.41	-239.54	14,610,218.413	1,999,555.724	40.224006278°N	109.713431914°W
5,022.00	4.48	238.75	5,009.60	-196.58	-245.05	14,610,214.249	1,999,550.209	40.223995067°N	109.713451882°W
5,117.00	5.10	235.63	5,104.27	-200.89	-251.71	14,610,209.941	1,999,543.551	40.223983503°N	109.713475949°W
5,212.00	5.41	233.13	5,198.87	-205.96	-258.78	14,610,204.870	1,999,536.483	40.223969863°N	109.713501526°W
5,306.00	5.58	235.06	5,292.44	-211.23	-266.07	14,610,199.594	1,999,529.192	40.223955668°N	109.713527914°W
5,400.00	4.61	238.14	5,386.06	-215.85	-273.03	14,610,194.982	1,999,522.237	40.223943285°N	109.713553063°W
5,495.00	5.49	241.26	5,480.69	-220.05	-280.25	14,610,190.782	1,999,515.010	40.223932041°N	109.713579165°W
5,589.00	5.10	231.94	5,574.30	-224.78	-287.49	14,610,186.044	1,999,507.778	40.223919321°N	109.713605315°W

Survey Report - Geographic

Company: Delek Energy USA
 Project: Four Star
 Site: Four Star 07-32-07-20 (111301)
 Well: Four Star 07-32-07-20
 Wellbore: 07-32
 Design: 07-32

Local Co-ordinate Reference: Well Four Star 07-32-07-20
 TVD Reference: KB @ 4886.00ft
 MD Reference: KB @ 4886.00ft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: EDM 5000 SERVER DB

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
5,684.00	4.92	225.83	5,668.93	-230.23	-293.73	14,610,180.602	1,999,501.531	40.223904630°N	109.713627970°W
5,778.00	4.61	230.23	5,762.61	-235.45	-299.53	14,610,175.377	1,999,495.736	40.223890515°N	109.713648995°W
5,874.00	5.58	241.00	5,858.23	-240.18	-306.58	14,610,170.646	1,999,488.688	40.223877807°N	109.713674482°W
5,968.00	5.01	234.67	5,951.83	-244.77	-313.92	14,610,166.057	1,999,481.343	40.223865500°N	109.713701030°W
6,063.00	5.58	228.03	6,046.42	-250.26	-320.74	14,610,160.569	1,999,474.524	40.223850705°N	109.713725734°W
6,157.00	5.19	232.25	6,140.01	-255.92	-327.50	14,610,154.910	1,999,467.765	40.223835438°N	109.713750237°W
6,251.00	5.01	231.77	6,233.64	-261.06	-334.08	14,610,149.767	1,999,461.179	40.223821581°N	109.713774092°W
6,346.00	5.10	232.65	6,328.27	-266.19	-340.70	14,610,144.639	1,999,454.564	40.223807764°N	109.713798050°W
6,440.00	5.01	228.42	6,421.90	-271.45	-347.09	14,610,139.380	1,999,448.172	40.223793580°N	109.713821215°W
6,535.00	5.01	237.83	6,516.54	-276.41	-353.71	14,610,134.418	1,999,441.558	40.223780222°N	109.713845162°W
6,629.00	5.10	242.75	6,610.18	-280.51	-360.89	14,610,130.320	1,999,434.369	40.223769256°N	109.713871121°W
6,724.00	4.92	236.34	6,704.81	-284.70	-368.04	14,610,126.129	1,999,427.224	40.223758033°N	109.713896927°W
6,818.00	5.49	240.47	6,798.43	-289.15	-375.31	14,610,121.678	1,999,419.957	40.223746104°N	109.713923188°W
6,913.00	4.31	235.65	6,893.08	-293.40	-382.21	14,610,117.424	1,999,413.055	40.223734699°N	109.713948127°W
6,970.34	3.82	239.46	6,950.27	-295.59	-385.63	14,610,115.237	1,999,409.631	40.223728832°N	109.713960505°W
07-32 Tgt Green R									
7,007.00	3.52	242.45	6,986.86	-296.73	-387.68	14,610,114.096	1,999,407.580	40.223725781°N	109.713967907°W
7,102.00	4.09	237.96	7,081.65	-299.88	-393.14	14,610,110.950	1,999,402.123	40.223717360°N	109.713987617°W
7,196.00	4.61	233.26	7,175.38	-303.92	-399.01	14,610,106.912	1,999,396.254	40.223706507°N	109.714008845°W
7,290.00	4.61	228.34	7,269.07	-308.69	-404.86	14,610,102.141	1,999,390.405	40.223693643°N	109.714030042°W
7,383.00	3.91	227.94	7,361.82	-313.30	-410.01	14,610,097.533	1,999,385.258	40.223681195°N	109.714048713°W
7,477.00	3.52	237.35	7,455.62	-317.00	-414.81	14,610,093.829	1,999,380.449	40.223671218°N	109.714066130°W
7,572.00	3.60	234.76	7,550.44	-320.29	-419.71	14,610,090.535	1,999,375.558	40.223662368°N	109.714083820°W
7,667.00	4.39	244.56	7,645.21	-323.58	-425.43	14,610,087.252	1,999,369.838	40.223653583°N	109.714104474°W
7,762.00	5.01	236.87	7,739.89	-327.41	-432.18	14,610,083.423	1,999,363.081	40.223643339°N	109.714128874°W
7,857.00	5.10	236.03	7,834.52	-332.03	-439.16	14,610,078.796	1,999,356.105	40.223630915°N	109.714154097°W
7,952.00	4.92	238.05	7,929.15	-336.55	-446.12	14,610,074.281	1,999,349.147	40.223618796°N	109.714179254°W
8,046.00	4.48	240.03	8,022.84	-340.51	-452.72	14,610,070.314	1,999,342.546	40.223608167°N	109.714203100°W
8,140.00	4.22	238.14	8,116.57	-344.17	-458.84	14,610,066.654	1,999,336.428	40.223598364°N	109.714225201°W
8,235.00	4.70	233.44	8,211.28	-348.34	-464.93	14,610,062.491	1,999,330.333	40.223587176°N	109.714242746°W
8,329.00	4.39	231.64	8,304.98	-352.86	-470.84	14,610,057.964	1,999,324.419	40.223574984°N	109.714268663°W
8,424.00	4.70	232.25	8,399.69	-357.50	-476.77	14,610,053.325	1,999,318.491	40.223562483°N	109.714290137°W
8,518.00	4.09	224.96	8,493.41	-362.23	-482.19	14,610,048.595	1,999,313.077	40.223549713°N	109.714309772°W
8,613.00	4.48	233.13	8,588.14	-366.86	-487.55	14,610,043.972	1,999,307.715	40.223537233°N	109.714329216°W
8,708.00	4.61	232.03	8,682.85	-371.43	-493.53	14,610,039.397	1,999,301.737	40.223524910°N	109.714350863°W
8,802.00	4.31	229.75	8,776.56	-376.04	-499.20	14,610,034.791	1,999,296.063	40.223512490°N	109.714371423°W
8,897.00	5.01	226.26	8,871.25	-381.21	-504.92	14,610,029.616	1,999,290.341	40.223498511°N	109.714392184°W
8,991.00	4.92	230.36	8,964.89	-386.62	-510.99	14,610,024.207	1,999,284.272	40.223483901°N	109.714414203°W
9,085.00	5.10	230.14	9,058.54	-391.87	-517.30	14,610,018.957	1,999,277.961	40.223469740°N	109.714437078°W
9,180.00	5.10	228.50	9,153.16	-397.38	-523.71	14,610,013.453	1,999,271.557	40.223454884°N	109.714460299°W
9,273.00	4.92	226.45	9,245.80	-402.86	-529.69	14,610,007.966	1,999,265.571	40.223440059°N	109.714482023°W
9,368.00	5.10	227.86	9,340.44	-408.50	-535.78	14,610,002.327	1,999,259.487	40.223424817°N	109.714504104°W
9,462.00	5.01	228.65	9,434.08	-414.02	-541.96	14,609,996.812	1,999,253.308	40.223409922°N	109.714526521°W
9,557.00	4.79	226.67	9,528.73	-419.48	-547.96	14,609,991.349	1,999,247.309	40.223395164°N	109.714548291°W
9,651.00	4.61	229.66	9,622.41	-424.62	-553.69	14,609,986.211	1,999,241.574	40.223381285°N	109.714569094°W
9,746.00	4.48	226.54	9,717.11	-429.64	-559.29	14,609,981.188	1,999,235.971	40.223367717°N	109.714589422°W
9,842.00	4.09	224.96	9,812.85	-434.64	-564.43	14,609,976.186	1,999,230.831	40.223354190°N	109.714608093°W
9,937.00	4.09	226.23	9,907.60	-439.38	-569.27	14,609,971.445	1,999,225.990	40.223341367°N	109.714625674°W
10,033.00	3.78	222.06	10,003.38	-444.10	-573.87	14,609,966.728	1,999,221.398	40.223328597°N	109.714642366°W
10,128.00	3.52	216.65	10,098.18	-448.77	-577.70	14,609,962.063	1,999,217.560	40.223315943°N	109.714656356°W
10,224.00	3.21	210.45	10,194.02	-453.45	-580.83	14,609,957.381	1,999,214.438	40.223303214°N	109.714667778°W
10,319.00	2.68	197.10	10,288.89	-457.86	-582.83	14,609,952.966	1,999,212.437	40.223291171°N	109.714675174°W
10,400.00	2.68	197.10	10,369.81	-461.48	-583.94	14,609,949.346	1,999,211.324	40.223281277°N	109.714679350°W

Proj to TD at 10400 MD/10370 TVD

Survey Report - Geographic

Company:	Delek Energy USA	Local Co-ordinate Reference:	Well Four Star 07-32-07-20
Project:	Four Star	TVD Reference:	KB @ 4886.00ft
Site:	Four Star 07-32-07-20 (111301)	MD Reference:	KB @ 4886.00ft
Well:	Four Star 07-32-07-20	North Reference:	Grid
Wellbore:	07-32	Survey Calculation Method:	Minimum Curvature
Design:	07-32	Database:	EDM 5000 SERVER DB

Survey Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N-S (ft)	+E-W (ft)	
10,400.00	10,369.81	-461.48	-583.94	Proj to TD at 10400 MD/10370 TVD

Checked By: _____ Approved By: _____ Date: _____

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING

1. DJJ
2. CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/1/2011

FROM: (Old Operator): N3480-Elk Resources LLC. 1401 17th Street, Suite 700 Denver, CO 80202 Phone: 1 (303) 296-4505	TO: (New Operator): N2165-Bill Barrett Corporation 1099 18th St, Suite 2300 Denver, CO 80202 Phone: 1 (303) 312-8134
--	---

CA No.

Unit:

AURORA (DEEP)

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST - 9 WELLS								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 7/11/2011
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 7/11/2011
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 7/14/2011
- Is the new operator registered in the State of Utah: Business Number: 5239043-0143
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA n/a
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 7/14/2011
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/14/2011
- Bond information entered in RBDMS on: 7/14/2011
- Fee/State wells attached to bond in RBDMS on: 7/14/2011
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: 7/14/2011

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: WYB000040
- Indian well(s) covered by Bond Number:
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number LPM4138148
- The **FORMER** operator has requested a release of liability from their bond on: not yet

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 7/14/2011

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		6. LEASE DESIGNATION AND SERIAL NUMBER:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: Aurora (Deep) Unit
2. NAME OF OPERATOR: Elk Resources, LLC N3480		8. WELL NAME and NUMBER:
3. ADDRESS OF OPERATOR: 1401 17th Street, Suite 700 CITY Denver STATE CO ZIP 80202		9. API NUMBER:
PHONE NUMBER: (303) 296-4505		10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: Uintah		
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 7S 20E S STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see the attached "Transfer of APD" forms and list of wells that are included in this change of operator.
Effective Jan 1, 2011

Previous Operator: Elk Resources, LLC 1401 17th Street, Suite 700 Denver, Colorado 80202 303-296-4505 Utah DOGM Bond # B000969 BLM Bond # B000971	New Operator: N2165 Bill Barrett Corporation 1099 18th Street, Suite 2300 Denver, Colorado 80202 303-293-9100 Utah DOGM Bond # WYB 000040 BLM Bond # LPM 4138148
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Bill Barrett Corp. Representative:
 NAME (PLEASE PRINT) Huntington T Walker TITLE Sr. VP - Prod.
 SIGNATURE [Signature] DATE 6/8/11

NAME (PLEASE PRINT) John Whisler TITLE CEO
 SIGNATURE [Signature] DATE 6/8/11

(This space for State use only)

APPROVED 7/11/2011
Earlene Russell
 Division of Oil, Gas and Mining
 Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED
 JUL 11 2011

DIV. OF OIL, GAS & MINING

ELK RESOURCES, LLC (N3480) to BILL BARRETT CORPORATION (N2165)
 effective January 1, 2011

well name	sec	twp	rng	api	entity	Lease	well	stat	conf	unit	lease no	zone
ROGERS 13-16	16	070S	200E	4304736538	14989	Fee	OW	P		AURORA (DEEP)	FEE	GR-WS
NIELSEN 3-22	22	070S	200E	4304736539	14806	Fee	OW	P		AURORA (DEEP)	FEE	GRRV
WALL 13-17	17	070S	200E	4304736668	15363	Federal	GW	P		AURORA (DEEP)	UTU-75092	BLKHK
ROGERS 16-43	16	070S	200E	4304738347	16977	Fee	OW	P		AURORA (DEEP)	FEE	GR-WS
AURORA FED 5-32	05	070S	200E	4304738463	17120	Federal	OW	P		AURORA (DEEP)	UTU-75241	GR-WS
AURORA FED 26-33	26	070S	200E	4304738468	17226	Federal	OW	P		AURORA (DEEP)	UTU-80689	GRRV
FOUR STAR 7-32-7-20	07	070S	200E	4304751285	17881	Fee	OW	P	C	AURORA (DEEP)	Patent	WSTC
PELICAN LAKE 16-12-7-20	16	070S	200E	4304751287		Fee	OW	APD	C	AURORA (DEEP)	Patent	
ARGYLE 8-43	08	070S	200E	4304751509		Fee	OW	APD	C	AURORA (DEEP)	Fee	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: Patent
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: AURORA (DEEP)
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: FOUR STAR 7-32-7-20
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43047512850000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2425 FSL 2332 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 07 Township: 07.0S Range: 20.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/1/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER OTHER: <input style="width: 50px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>This sundry is being submitted to request approval to recomplete this well on 9/1/2011. The Green River formation will be perforated and fraced according to the attached procedure. The well is currently producing from the Wasatch formation. A request for commingling the Green River and Wasatch formations was approved on 9/14/2010. Please contact Justin Pivik at 303/312-8583</p>		
		<p>Approved by the Utah Division of Oil, Gas and Mining</p> <p>Date: <u>08/29/2011</u></p> <p>By: <u><i>Dark K. Quist</i></u></p>
NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A		DATE 8/18/2011

Please Review Attached Conditions of Approval

RECEIVED Aug. 18, 2011



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047512850000

Approval for the recompletion work only. Commingling of Green River and Wasatch perms (step 19 in procedure) cannot take place until the requirements of rule R649-3-22 have been met.



7-32-7-20 BTR
RECOMPLETE PROCEDURES
Section 7-7S-20E
API # 43-047-512850000

August 18, 2011

AFE # 16468D

OBJECTIVE

Pull existing rods and tubing, set CBP above existing perforations, and prepare wellbore for a Green River recomplete. Perforate and frac Green River per the procedure below. Drill out CBP's run tubing and return well to production.

MATERIAL NEEDS:

Fresh Water: 24,465 BBL's
Sand: 500,000 pounds 20/40 SLC, 715,000 pounds 20/40 White, and 145,000
100 Mesh, to be supplied by Halliburton

CURRENT WELL STATUS

Currently the well is producing from the Wasatch.

COMPLETION PROCEDURE

1. **Safety is the highest priority.** Hold wellsite safety meetings each morning and prior to each significant operation. Review critical parameters and objectives as well as emergency action plans.
2. Hold and document pre-activity meeting, determine location of necessary equipment and rig up of same, be sure all necessary contractors are present and agree as to the layout of location.
3. Spot necessary tanks and flowback equipment to perform the work outlined below and accommodate the materials listed above.
4. Pressure test flowback iron.
5. MIRU workover rig to pull rods and tubing.
6. Flush well with 300 BBL's heated fresh water using workover rig pump.

7. RDMO workover rig and associated equipment.
8. MIRU WL unit and lubricator.
9. RIH with gage ring to 8,438'.
10. RIH with CBP set at 8,438 MD.
11. ND production tree and NU frac tree.
12. Pressure test casing and CBP to 4,500 psi, hold for 15 minutes, monitor and record bleed off.
13. MIRU & spot Halliburton Frac equipment.
14. Pressure test all lines to 10,000 psi.
15. Perforate and Fracture stimulate interval # 4-11 per designs and perf schedule below.

	FROM	TO	SHOTS	Phasing	FRAC PLUG	Frac Plug Depth
STAGE 4					#3 10 K	8,438
GUN SYSTEM	3 1/8					
CHARGE	PJO 3104					
	8153	8154	3	120		
	8169	8170	3	120		
	8182	8183	3	120		
	8197	8198	3	120		
	8212	8213	3	120		
	8243	8244	3	120		
	8269	8270	3	120		
	8281	8282	3	120		
	8291	8292	3	120		
	8305	8306	3	120		
	8338	8339	3	120		
	8383	8384	3	121		
	8417	8418	3	122		



	FROM	TO	SHOTS	Phasing	FRAC PLUG	Frac Plug Depth
STAGE 5					#4 10 K	8,150
GUN SYSTEM	3 1/8					
CHARGE	PJO 3104					
	7897	7898	3	120		
	7917	7918	3	120		
	7929	7930	3	120		
	7948	7949	3	120		
	7969	7970	3	120		
	7985	7986	3	120		
	8007	8008	3	120		
	8025	8026	3	120		
	8035	8036	3	120		
	8053	8054	3	120		
	8071	8072	3	120		
	8099	8100	3	120		
	8129	8130	3	120		
Total			39			

	FROM	TO	SHOTS	Phasing	FRAC PLUG	Frac Plug Depth
STAGE 6					#5 10 K	7,893
GUN SYSTEM	3 1/8					
CHARGE	PJO 3104					
	7657	7658	3	120		
	7668	7669	3	120		
	7681	7682	3	120		
	7699	7700	3	120		
	7713	7714	3	120		
	7734	7735	3	120		
	7763	7764	3	120		
	7778	7779	3	120		
	7813	7814	3	120		
	7825	7826	3	120		
	7837	7838	3	120		
	7848	7849	3	120		
	7872	7873	3	120		
Total			39			



	FROM	TO	SHOTS	Phasing	FRAC PLUG	Frac Plug Depth
STAGE 7					#6 10 K	7,651
GUN SYSTEM	3 1/8					
CHARGE	PJO 3104					
	7449	7450	3	120		
	7463	7464	3	120		
	7485	7486	3	120		
	7511	7512	3	120		
	7543	7544	3	120		
	7559	7560	3	120		
	7577	7578	3	120		
	7589	7590	3	120		
	7607	7608	3	120		
	7629	7631	6	120		
Total			33			

	FROM	TO	SHOTS	Phasing	FRAC PLUG	Frac Plug Depth
STAGE 8					#7 10 K	7,432
GUN SYSTEM	3 1/8					
CHARGE	PJO 3104					
	7205	7206	3	120		
	7231	7232	3	120		
	7269	7270	3	120		
	7281	7282	3	120		
	7310	7311	3	120		
	7327	7328	3	120		
	7333	7334	3	120		
	7362	7363	3	120		
	7379	7380	3	120		
	7411	7412	3	120		
Total			30			



	FROM	TO	SHOTS	Phasing	FRAC PLUG	Frac Plug Depth
STAGE 9					#8 8 K	7,198
GUN SYSTEM	3 1/8					
CHARGE	PJO 3104					
	6999	7000	3	120		
	7011	7012	3	120		
	7019	7020	3	120		
	7029	7030	3	120		
	7057	7058	3	120		
	7069	7070	3	120		
	7083	7084	3	120		
	7095	7096	3	120		
	7127	7128	3	120		
	7133	7134	3	120		
	7159	7160	3	120		
	7177	7178	3	120		
Total			36			

	FROM	TO	SHOTS	Phasing	FRAC PLUG	Frac Plug Depth
STAGE 10					#9 8 K	6,961
GUN SYSTEM	3 1/8					
CHARGE	PJO 3104					
	6677	6678	3	120		
	6690	6691	3	120		
	6698	6699	3	120		
	6751	6752	3	120		
	6793	6794	3	120		
	6819	6820	3	120		
	6857	6858	3	120		
	6900	6902	6	120		
	6923	6925	6	120		
	6939	6941	6	120		
Total			39			



	FROM	TO	SHOTS	Phasing	FRAC PLUG	Frac Plug Depth
STAGE 11					#10 8 K	6,632
GUN SYSTEM	2 7/8					
CHARGE	PJO 3104					
	6415	6416	3	120		
	6447	6448	3	120		
	6462	6463	3	120		
	6471	6472	3	120		
	6489	6490	3	120		
	6521	6522	3	120		
	6566	6568	6	120		
	6578	6580	6	120		
	6588	6590	6	120		
	6611	6612	3	120		
Total			39			

16. Set CBP @ 6580'.

17. RD frac and perforating equipment clear location of all unnecessary personnel and equipment.

18. MIRU workover rig unit

19. Drill out CBP's and land tubing.

20. Return well to production.

CASING DATA

STRING	SIZE	WEIGHT	GRADE	DEPTH	
Surface	13 3/8"	54.4#	J-55	804	
Intermediate	9 5/8"	40.0 #	N-80	4,411	
Production	5-1/2"	17.0#	N-80	10,377	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: Patent
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: AURORA (DEEP)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FOUR STAR 7-32-7-20
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047512850000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2425 FSL 2332 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 07 Township: 07.0S Range: 20.0E Meridian: S	9. FIELD and POOL or WILDCAT: WILDCAT COUNTY: UINTAH STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/28/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 50px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

In accordance with Utah Division of Oil, Gas, and Mining's Rule 649-3-22, completion into two or more pools, BBC is submitting this sundry to request commingling approval for the Green River and Wasatch formations. Oil and associated gas composition is similar across all formations. The pressure profile across the formations is similar and BBC does not anticipate any cross flow. Production is considered to be from one pool. In the event that allocation by zone or interval is required, BBC would use representative sampling obtained from production logs and allocate on a percentage basis by zone or interval. A letter and affidavit of notice is attached.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: 10/06/2011
By: *Dark K. Quist*

NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A	DATE 9/14/2011	



September 14, 2011

Utah Division of Oil, Gas and Mining
Attention: Dustin Doucet
1594 West North Temple, Suite 1120
Salt Lake City, Utah 84116

RE: Sundry Notices
Aurora Deep Unit
Four Star 7-32-7-20
NESW, Section 7 T7S R 20E
Uintah County, UT

Dear Mr. Doucet,

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Green River formations in the subject well located in the Aurora Deep Unit. In compliance with Utah OGM regulation R649-3-22, BBC has enclosed copies of the completed Sundry Notices.

Should you require additional information in this regards, please feel free to contact me at 303-299-9935. Your earliest attention to this matter is appreciated.

BILL BARRETT CORPORATION

Venevia Langmackey
for

Thomas J. Abell
Landman

Enclosures

1099 18TH STREET
SUITE 2300
DENVER, CO 80202
P 303.293.9100
F 303.291.0420

RECEIVED Sep. 14, 2011



AFFIDAVIT

My name is Tom Abell and I'm a Landman with Bill Barrett Corporation (BBC). BBC has submitted Sundry Notices to commingle production from the Wasatch and Green River formations in the subject well located in the Aurora Deep Unit. In compliance with Utah OGM regulation R649-3-22, I have provided a copy of the Sundry Notices, by certified mail, to the owners listed below of all contiguous oil and gas leases or drilling units overlying the pool.

Marshall Felts
8456 Gad Way
Sandy, UT 84093

Susan Felts Charles
3864 Fairview Drive
Hood River, OR 97031

Date: September 14, 2011

Affiant

Venera Langmacker
for Thomas J. Abell
Landman

1099 18TH STREET
SUITE 2300
DENVER, CO 80202
P 303.293.9100
F 303.291.0420

RECEIVED Sep. 14, 2011



September 14, 2011

Susan Felts Charles
3864 Fairview Drive
Hood River, OR 97031

RE: Sundry Notices
Aurora Deep Unit
Four Star 7-32-7-20
NESW, Section 7 T7S R 20E
Uintah County, UT

Dear Ms. Charles,

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Green River formations in the subject well located in the Aurora Deep Unit. In compliance with Utah OGM regulation R649-3-22, BBC has enclosed copies of the completed Sundry Notices.

Should you require additional information in this regards, please feel free to contact me at 303-299-9935.

BILL BARRETT CORPORATION

A handwritten signature in blue ink that reads "Venesia Langmackel".

Thomas J. Abell *for*
Landman

Enclosures

1099 18TH STREET
SUITE 2300
DENVER, CO 80202
P 303.293.9100
F 303.291.0420

RECEIVED Sep. 14, 2011



September 14, 2011

Marshall Felts
8456 Gad Way
Sandy, UT 84093

RE: Sundry Notices
Aurora Deep Unit
Four Star 7-32-7-20
NESW, Section 7 T7S R 20E
Uintah County, UT

Dear Mr. Felts,

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Green River formations in the subject well located in the Aurora Deep Unit. In compliance with Utah OGM regulation R649-3-22, BBC has enclosed copies of the completed Sundry Notices.

Should you require additional information in this regards, please feel free to contact me at 303-299-9935.

BILL BARRETT CORPORATION

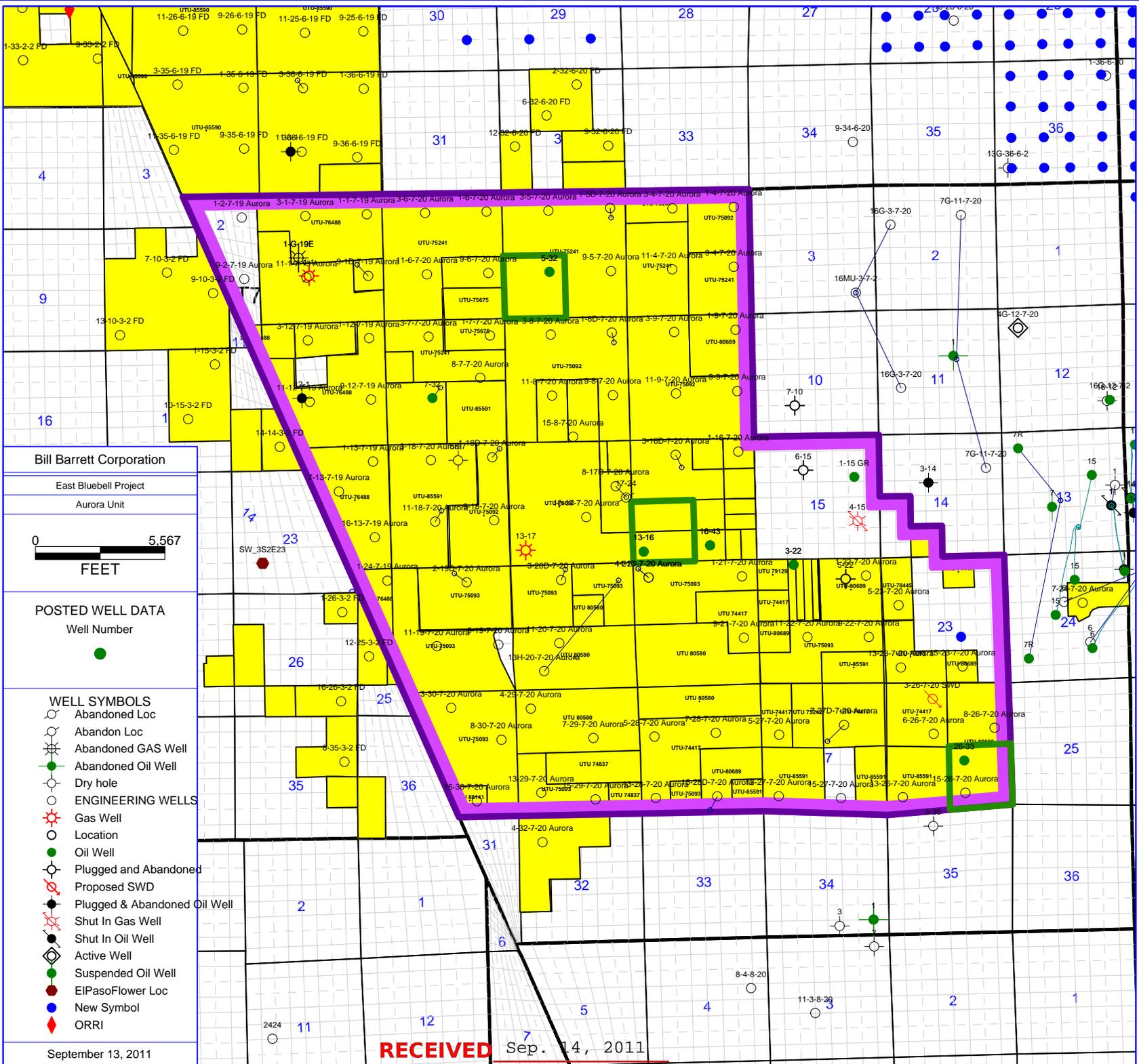
Veneva Spangmacker
for

Thomas J. Abell
Landman

Enclosures

1099 18TH STREET
SUITE 2300
DENVER, CO 80202
P 303.293.9100
F 303.291.0420

RECEIVED Sep. 14, 2011



Bill Barrett Corporation
 East Bluebell Project
 Aurora Unit



POSTED WELL DATA

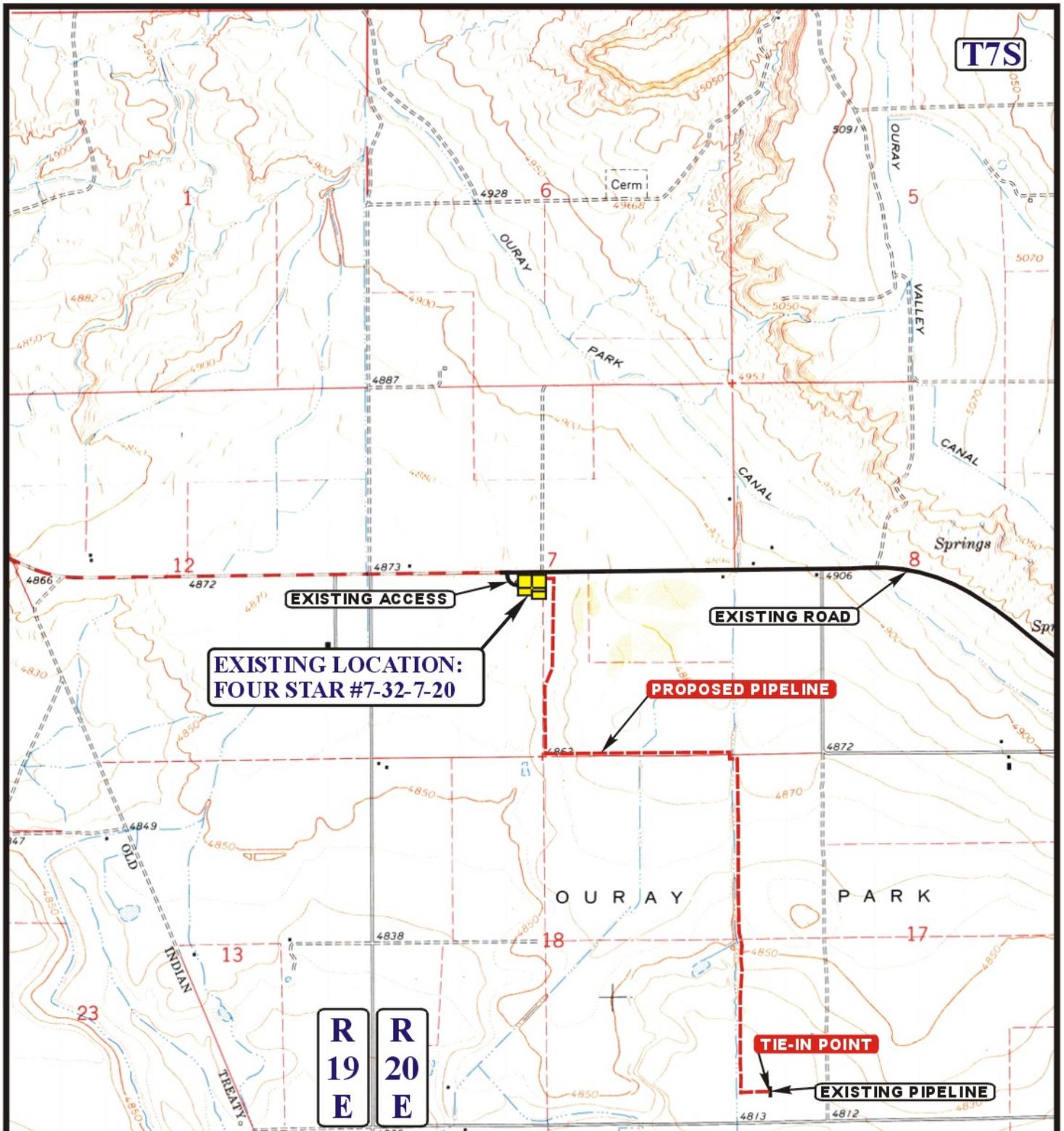
Well Number
●

- WELL SYMBOLS**
- Abandoned Loc
 - Abandon Loc
 - ⊗ Abandoned GAS Well
 - Abandoned Oil Well
 - Dry hole
 - ENGINEERING WELLS
 - ⊗ Gas Well
 - Location
 - Oil Well
 - ⊗ Plugged and Abandoned
 - Proposed SWD
 - Plugged & Abandoned Oil Well
 - ⊗ Shut In Gas Well
 - Shut In Oil Well
 - ⊗ Active Well
 - Suspended Oil Well
 - ElPasoFlower Loc
 - New Symbol
 - ◆ ORRI

September 13, 2011

RECEIVED Sep. 14, 2011

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: Patent
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: AURORA (DEEP)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FOUR STAR 7-32-7-20	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047512850000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2425 FSL 2332 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 07 Township: 07.0S Range: 20.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 2/22/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER
		<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Pipeline"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
Approximately 10826' of pipeline corridor (See Topo C) containing up to three lines (one gas pipeline up to 8 inch in diameter, one water line up to 4 inch in diameter and one residue line up to 4 inch in diameter) is proposed trending southeasterly to the existing line in SW SW Section 17, T7S-R20E. Pipelines would be constructed of steel, polyethylene or fiberglass. The pipeline crosses entirely fee surface with surface use agreements in place (attached).		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 29, 2012
NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A	DATE 2/21/2012	



APPROXIMATE TOTAL PIPELINE DISTANCE = 10,826' +/-

LEGEND:

- EXISTING ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE

BILL BARRETT CORPORATION

FOUR STAR #7-32-7-20
SECTION 7, T7S, R20E, S.L.B.&M.
2425' FSL 2332' FWL

U&L S Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



ACCESS ROAD	09	12	11	C TOPO
MAP	MONTH	DAY	YEAR	
SCALE: 1" = 2000'	DRAWN BY: C.I.		REVISED: 12-01-11	

SURFACE DAMAGE AGREEMENT
FOUR STAR 7-32-7-20 WELL

THIS AGREEMENT dated July 20, 2010 by and between _____
FOUR STAR RANCH, INC., whose address is
8281 N. TRAILS DRIVE, PARK CITY, UTAH 84098, hereinafter referred to as "Surface Owner", and
ELK RESOURCES, LLC, whose address is 1401 17TH STREET, SUITE 700, DENVER, CO 80202
hereinafter referred to as "Operator".

WITNESSETH:

WHEREAS, Surface Owner represents that they are the owners in fee and in possession of the surface estate for the following described lands in **Uintah** County, **Utah** , hereinafter referred to as "Lands", to wit:

A Tract of land lying in the **NESW of Section 7, Township 7 South, Range 20 East, SLM** containing **3.990** acres of land, more or less, more particularly described on the plat attached hereto as "Exhibit A."

WHEREAS, Operator has or will acquire certain leasehold interests in the oil and gas mineral estate in the Lands and plans to conduct drilling and subsequent production operations on the Lands; and

WHEREAS, Surface Owner is generally aware of the nature of the operations which may be conducted under oil and gas leases covering the mineral estate of the Lands; and

WHEREAS, the parties believe that it is in their mutual best interest to agree to the amount of damages to be assessed incident to the operations of Operator on the premises in the exploration for, development and production of oil, gas and/or other leasehold substances under the terms of those certain oil and gas leases now owned or which may be acquired by Operator covering portions of the mineral estate of the Lands; and,

WHEREAS, the parties believe that a reasonable estimate can be made of the extent of damages which will result from the exploration, development and production operations contemplated by such oil and gas leases.

4. In the event any well hereunder is plugged and abandoned, Operator agrees that Operator will, within a reasonable time, restore Surface Owner's surface estate as near as practical to its original condition found prior to Operator's operations. It is understood and agreed that Surface Owner may elect in writing, prior to cessation of operations of Operator, to have any road constructed under the terms of this Agreement remain upon the property, in which event Operator agrees to leave such road or roads in reasonable condition.
5. Operator is responsible for acquiring all necessary permits, licenses, fees, etc. incident to its operations on the Lands.
6. In the event Surface Owner considers that Operator has not complied with all its obligations hereunder, both express and implied, Surface Owner shall notify Operator in writing, setting out specifically in what respects Operator has breached this contract. Operator shall then have sixty (60) days to meet or commence to meet all or any part of the breaches alleged by Surface Owner. The service of said notice shall be precedent to the bringing of any action by Surface Owner for any cause, and no such action shall be brought until the lapse of sixty (60) days after service of such notice on Operator. In the event of litigation, the prevailing party's reasonable attorney's fees will be paid by the opposing party.
7. Operator shall be responsible and shall remain liable for any environmental problems on the subject lands which are caused by or through its operations. This assumption of liability, however, does not include any third-party operations on the subject lands or any actions by Surface Owner which could cause environmental problems, but is limited solely to the actions of Operator. To the extent that any such claims are asserted, Operator will be responsible for any remediation required as provided by state regulations.
8. In the event Surface Owner owns less than the entire fee interest in the Lands, then any payment provided for in this Agreement shall be proportionately reduced to the interest owned.
9. This Agreement shall remain in full force and effect for a term of **10 years** from and after the date hereof and for so long thereafter as Operator's oil and gas exploration, development and production operations affecting the Lands continue.
10. When the word "Operator" is used in this Agreement, it shall also mean the successors and assigns of Operator, including but not limited to its employees and officers, agents, affiliates, contractors, subcontractors and/or purchasers.
11. This Agreement shall be binding upon and inure to the benefit of the heirs, successors and assigns of the parties.

ADDITIONAL PROVISIONS:

execution of this Agreement, 8/28/10

SURFACE OWNER: Four Star Ranch INC.

David R. Seaman, Pres.
By: _____

By: _____

SS/Tax ID# 87-0356684

STATE of Utah

ACKNOWLEDGEMENT-INDIVIDUAL

COUNTY of Uintah

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 20 day of July, 2010, personally appeared David R. Seaman

_____, to me known to be the identical person(s) described herein and who executed the within and foregoing instrument of writing and acknowledged to me that _____ duly executed same as _____ free and voluntary act and deed for the uses and purposes herein set forth and in the capacity stated herein.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires: 7-3-11

Julia Lynn Brakey
Notary Public:

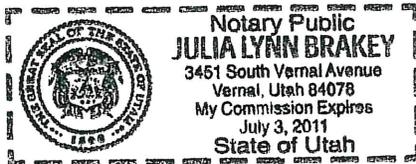
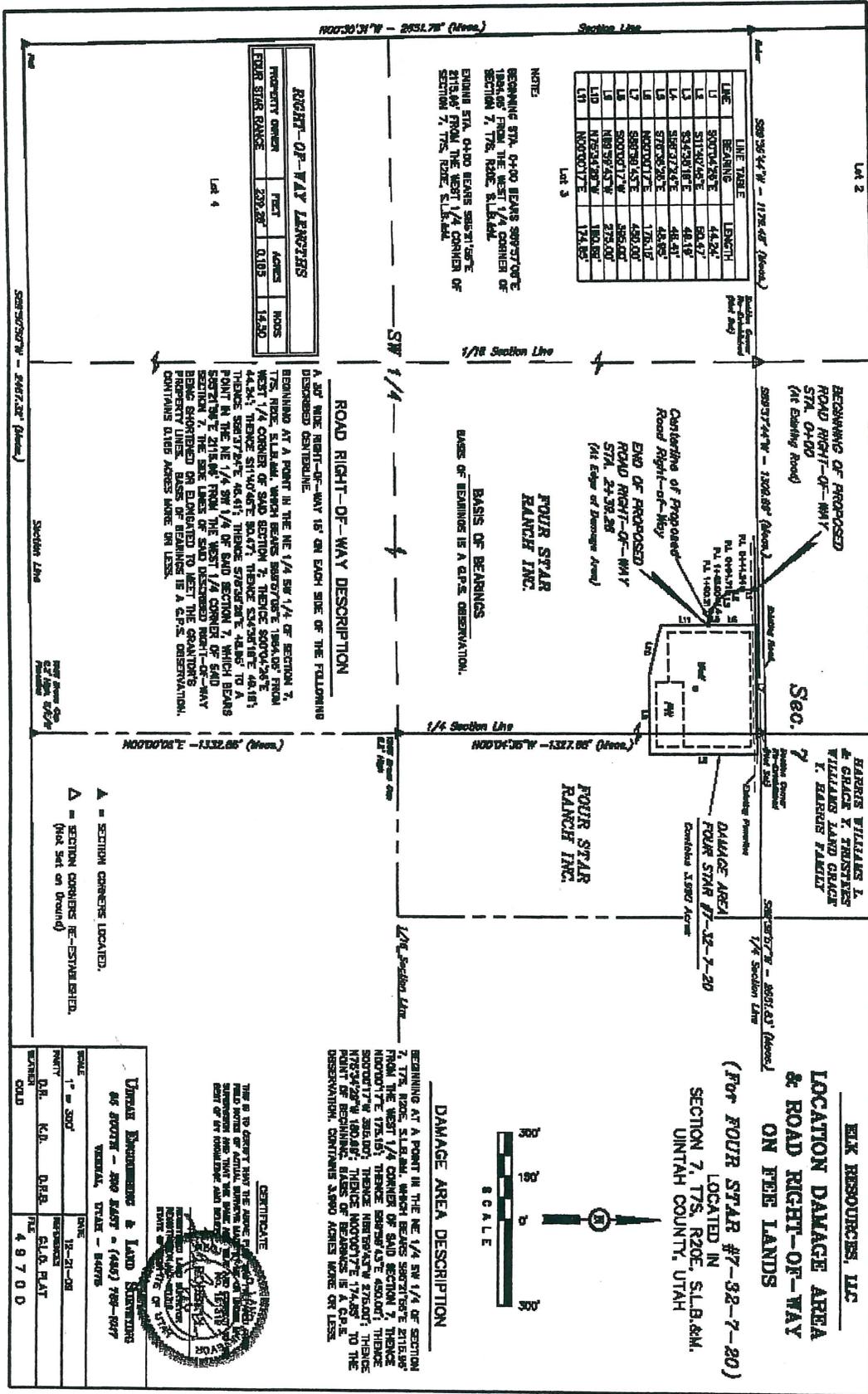


EXHIBIT A

Attached to and made a part of that certain Surface Use Agreement dated July 20, 2010 by and between Four Star Ranch, Inc., as Surface Owner, and Elk Resources, LLC, as Operator



Steve W. Hanberg and Marcia Gae Hanberg, husband and wife, whose address is 14500 East 5005 South, Randlett, UT 84063

("GRANTOR"), the receipt and sufficiency of which is hereby acknowledge, does hereby grant to Aurora Gathering, LLC of 1099 15th Street, #2300, Denver, CO 80202 ("GRANTEE"), its successors or assigns, a right-of-way to construct, maintain and use a pipeline along with the right to alter, inspect, repair, replace, change the size of, operate, and remove a pipeline and from time to time add additional pipeline or multiple pipelines, drips, valves, cathodic equipment, and all appurtenances convenient for the maintenance and operation of said lines and for the transportation of oil, gas, produced water, or other substances therein, under, on, over and through the premises hereinafter described, and the Grantee is granted the right of ingress and egress, over and across said lands for any purpose necessary or incidental to the operating and maintaining said pipeline or pipelines owned by Grantee.

The said right-of-way shall be located over and across the following described lands owned by the Grantor in Uintah County, State of Utah, to-wit:

Township 7 South, Range 20 East, S1M
Section 7: N/2SW/4, W/2NW/4SE/4

As further described on Exhibit "A" and Exhibit "B" attached hereto and made a part hereof.

ALL PIPELINES WILL BE BURIED WITH MINIMUM GROUND COVER OF (5) FEET TO TOP OF PIPE

GRANTOR SHALL NOT BE RESTRICTED FROM CONDUCTING NORMAL AGRICULTURAL ACTIVITIES UPON THIS RIGHT-OF-WAY OR FROM ADDING DRAINAGE DITCHES OR PIPELINES TO IMPROVE FARM PRODUCTIVITY

GRANTEE COMPLETELY AND FULLY INDEMNIFIES GRANTOR FROM ALL CLAIMS RELATED TO GRANTEE'S OPERATIONS AND ACTIONS ON SAID RIGHT-OF-WAY

To have and to hold said easements, rights, and right-of-way unto the said Grantee, its successors and assigns.

Grantee to have the right to select, change or alter the routes of all pipelines herein authorized to be laid under, upon, over and through the above described premises. Grantor shall not place anything over or so close to any pipeline or other facility of Grantee as will be likely to interfere with Grantee's access thereto by use of equipment of means customarily employed in the maintenance of pipelines. Grantee to pay for all damage to growing crops, drainage tile, irrigation pipelines, and fences of Grantor arising out of the construction or repair of any of the pipelines and facilities herein authorized to be maintained and operated by Grantee. This easement shall not exceed Sixty (60) feet in width for construction and Twenty-five (25) feet for the permanent easement. Pipelines and disturbed ground to be reseeded at recommended seeding rates per Grantor once cleanup is completed.

The foregoing sets out the entire agreement between Grantor and Grantee, and supersedes any prior oral or written agreements or negotiations not set out in writing herein or in the oil and gas lease covering the above described lands. No provisions of this agreement shall be modified, altered or waived except by written amendment executed by the parties or their representatives as set forth below.

For the same consideration, the undersigned agree to account to any party who may be entitled to any portion of the aforementioned sum, and to indemnify and hold harmless Aurora Gathering, LLC, its successors and assigns, from any claim by any other party for damages to the above described lands and the improvements and crops and other things situated thereon.

Grantor shall be held harmless from any claim or demand made on the grounds of damage to property or injury to or death of persons, arising out of Grantee's exercise of the rights herein granted.

This agreement shall terminate within six (6) months after cessation of use by Grantee. Following completion of the pipeline, Grantee agrees to restore the surface of said land as nearly as is reasonably practical to its original condition.

This agreement shall be binding upon the successors and assigns of the parties hereto and shall be deemed to be a covenant running with the lands described above.

IN WITNESS WHEREOF, the GRANTOR and GRANTEE herein named have hereunto set their hand and seal this 30 day of November, 2011.

GRANTOR:

Steve W. Hanberg

GRANTOR:

Marcia Gae Hanberg

GRANTEE:
Aurora Gathering, LLC

Entry 2011008845
Book 1257 Page 592-594 \$14.00
09-DEC-11 01:09
RANDY SIMMONS
RECORDER, UINTAH COUNTY, UTAH
ENCORE LAND SERVICES INC
PO BOX 1729 VERNAL, UT 84078
Rec By: TONYA ATWOOD , DEPUTY

PIPELINE RIGHT-OF-WAY AGREEMENT

STATE OF UTAH }
 } SS
COUNTY OF UINTAH }

Entry 2011008845

Four Star Ranch, Inc. whose address is **8281 N. Trails Drive, Park City, UT 84089**

("GRANTOR"), the receipt and sufficiency of which is hereby acknowledge, does hereby grant to **Aurora Gathering, LLC of 1099 18th Street, #2300, Denver, CO 80202** ("GRANTEE"), its successors or assigns, a right-of-way to construct, maintain and use a pipeline along with the right to alter, inspect, repair, replace, change the size of, operate, and remove a pipeline and from time to time add additional pipeline or multiple pipelines, drips, valves, cathodic equipment, and all appurtenances convenient for the maintenance and operation of said lines and for the transportation of oil, gas, produced water, or other substances therein, under, on, over and through the premises hereinafter described, and the Grantee is granted the right of ingress and egress, over and across said lands for any purpose necessary or incidental to the operating and maintaining said pipeline or pipelines owned by Grantee.

The said right-of-way shall be located over and across the following described lands owned by the Grantor in **Uintah** County, State of Utah, to-wit:

Township 7 South, Range 20 East, SLM
Section 7: S/2SE/4

As further described on Exhibit "A" attached hereto and made a part hereof.

To have and to hold said easements, rights, and right-of-way unto the said Grantee, its successors and assigns.

Grantee to have the right to select, change or alter the routes of all pipelines herein authorized to be laid under, upon, over and through the above described premises. Grantor shall not place anything over or so close to any pipeline or other facility of Grantee as will be likely to interfere with Grantee's access thereto by use of equipment of means customarily employed in the maintenance of pipelines. Grantee to pay for all damage to growing crops, drainage tile and fences of Grantor arising out of the construction or repair of any of the pipelines and facilities herein authorized to be maintained and operated by Grantee. This easement shall not exceed Sixty (60) feet in width for construction and Twenty-five (25) feet for the permanent easement. Pipelines and disturbed ground to be reseeded at recommended seeding rates per Grantor once cleanup is completed.

The foregoing sets out the entire agreement between Grantor and Grantee, and supersedes any prior oral or written agreements or negotiations not set out in writing herein or in the oil and gas lease covering the above described lands. No provisions of this agreement shall be modified, altered or waived except by written amendment executed by the parties or their representatives as set forth below. This agreement shall not act to modify or diminish operator's rights and privileges under any oil and gas leases owned by Operator covering all or any portion of the above described lands.

For the same consideration, the undersigned agree to account to any party who may be entitled to any portion of the aforementioned sum, and to indemnify and hold harmless **Aurora Gathering, LLC**, its successors and assigns, from any claim by any other party for damages to the above described lands and the improvements and crops and other things situated thereon.

Grantor shall be held harmless from any claim or demand made on the grounds of damage to property or injury to or death of persons, arising out of Grantee's exercise of the rights herein granted.

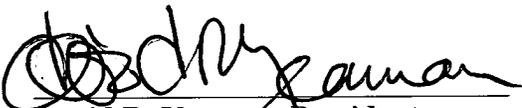
This agreement shall terminate within six (6) months after cessation of use by Grantee following completion of the pipeline, at which time Grantee agrees to restore the surface of said land as nearly as is reasonably practical to its original condition.

This agreement shall be binding upon the successors and assigns of the parties hereto and shall be deemed to be a covenant running with the lands described above.

This Pipeline Right-of-Way Agreement is signed by Grantor and Grantee as of the date of acknowledgment of their signatures below, but is effective for all purposes as of the Effective Date stated above.

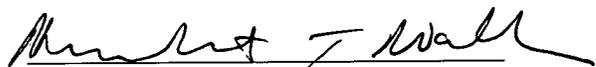
GRANTOR:

Four Star Ranch, Inc.


David R. Yeaman, President

GRANTEE:

Aurora Gathering, LLC


Huntington T. Walker, SVP Land

ACKNOWLEDGEMENT

Entry 2011008845
Book 1257 Page 593

STATE OF Utah)
~~Utah~~)
COUNTY OF Utah) SS

On the 22nd day of November, 2011, before me the undersigned authority, appeared **David R. Yeaman**, to me personally known, who, being sworn, did say that they are the President of Four Star Ranch, Inc., and that the foregoing instrument was signed in behalf of said partnership and Appearer acknowledged to me that said instrument to be the free act and deed of the partnership.



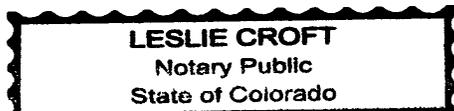
Terra M. Miller
Notary Public for the State of

Residing at Vernal, UT

ACKNOWLEDGEMENT

STATE OF Colorado)
COUNTY OF Denver) SS

On the 28 day of November, 2011, before me the undersigned authority, appeared **Huntington T. Walker**, to me personally known, who, being sworn, did say that they are the SVP Land for Aurora Gathering, LLC, and that the foregoing instrument was signed in behalf of said partnership and Appearer acknowledged to me that said instrument to be the free act and deed of the partnership.



Leslie Croft
Notary Public for the State of

Residing at Denver, CO

BILL BARRETT CORPORATION
PIPELINE RIGHT-OF-WAY ON
FEE LANDS

(For **FOUR STAR #7-32-7-20**)

LOCATED IN
 SECTIONS 7, 17 & 18, T7S, R20E, S.L.B.&M.
 UTAH COUNTY, UTAH

Entry 2011008845
 Book 2257 Page 594

BASIS OF BEARINGS

BASIS OF BEARINGS IS A GPS OBSERVATION

RIGHT-OF-WAY LENGTHS

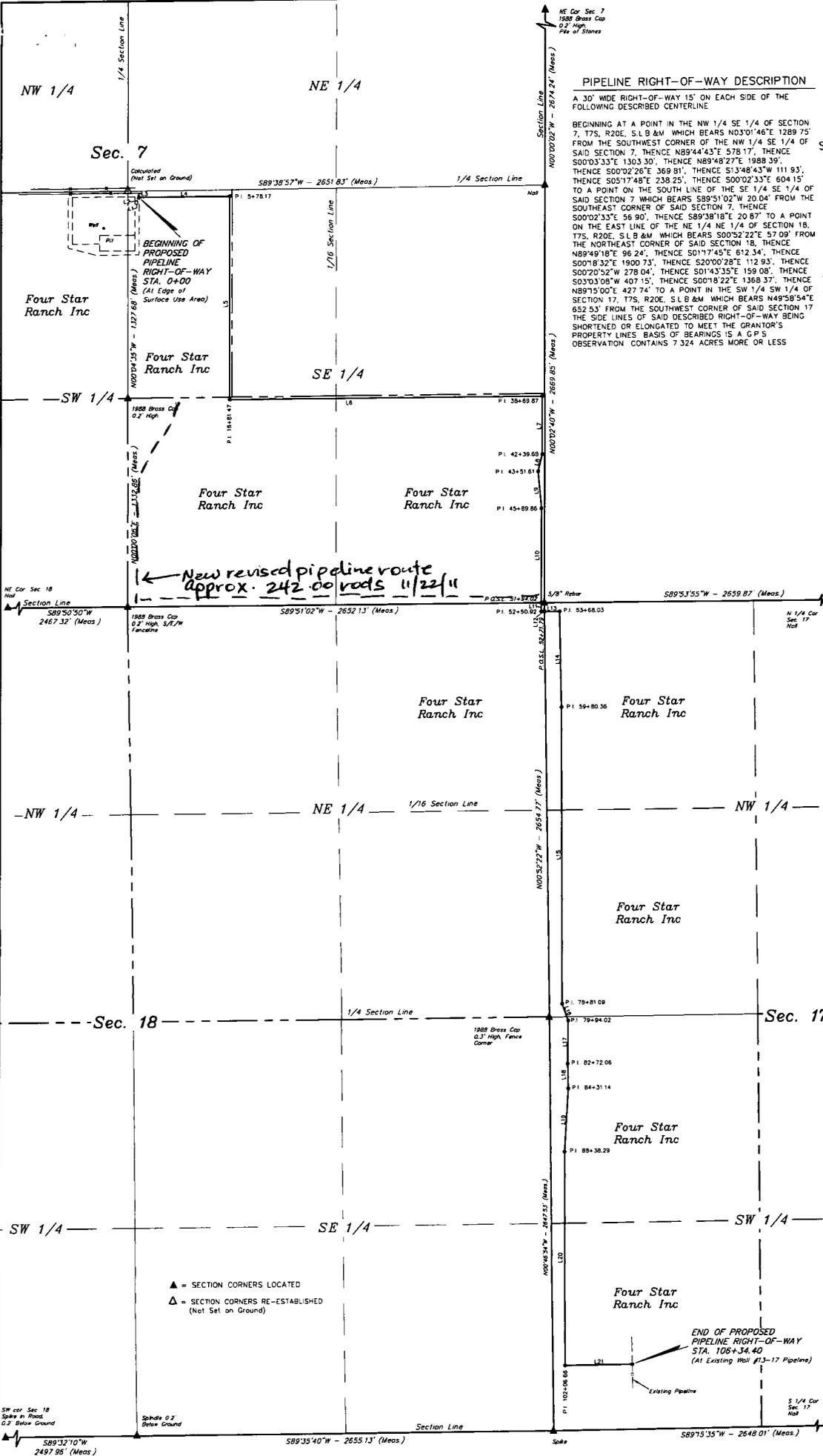
PROPERTY OWNER	FEET	ACRES	RODS
FOUR STAR RANCH INC	10634.40	7.324	644.51

LINE	BEARING	LENGTH
L1	N88°27'09"E	15.49'
L2	N00°35'18"W	43.24'
L3	S89°27'50"E	9.96'
L4	N89°44'43"E	578.17'
L5	S00°03'33"E	1303.30'
L6	N89°48'27"E	1988.39'
L7	S00°02'26"E	359.81'
L8	S13°48'43"W	111.93'
L9	S05°17'48"E	238.25'
L10	S00°02'33"E	604.15'
L11	S00°02'33"E	56.90'
L12	S89°38'18"E	20.87'
L13	N89°49'18"E	96.24'
L14	S01°17'45"E	612.34'
L15	S00°18'32"E	1900.73'
L16	S20°00'28"E	112.93'
L17	S00°20'52"W	278.04'
L18	S01°43'35"E	159.08'
L19	S03°03'08"W	407.15'
L20	S00°18'22"E	1368.37'
L21	N89°15'00"E	427.74'

PIPELINE RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE

BEGINNING AT A POINT IN THE NW 1/4 SE 1/4 OF SECTION 7, T7S, R20E, S.L.B.&M. WHICH BEARS N03°01'46"E 1289.75' FROM THE SOUTHWEST CORNER OF THE NW 1/4 SE 1/4 OF SAID SECTION 7, THENCE N89°44'43"E 578.17', THENCE S00°03'33"E 1303.30', THENCE N89°48'27"E 1988.39', THENCE S00°02'26"E 359.81', THENCE S13°48'43"W 111.93', THENCE S05°17'48"E 238.25', THENCE S00°02'33"E 604.15' TO A POINT ON THE SOUTH LINE OF THE SE 1/4 SE 1/4 OF SAID SECTION 7 WHICH BEARS S89°51'02"W 20.04' FROM THE SOUTHEAST CORNER OF SAID SECTION 7, THENCE S00°02'33"E 56.90', THENCE S89°38'18"E 20.87' TO A POINT ON THE EAST LINE OF THE NE 1/4 NE 1/4 OF SECTION 18, T7S, R20E, S.L.B.&M. WHICH BEARS S00°52'22"E 57.09' FROM THE NORTHEAST CORNER OF SAID SECTION 18, THENCE N89°49'18"E 96.24', THENCE S01°17'45"E 612.34', THENCE S00°18'32"E 1900.73', THENCE S20°00'28"E 112.93', THENCE S00°20'52"W 278.04', THENCE S01°43'35"E 159.08', THENCE S03°03'08"W 407.15', THENCE S00°18'22"E 1368.37', THENCE N89°15'00"E 427.74' TO A POINT IN THE SW 1/4 SW 1/4 OF SECTION 17, T7S, R20E, S.L.B.&M. WHICH BEARS N49°58'54"E 652.53' FROM THE SOUTHWEST CORNER OF SAID SECTION 17 THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A GPS OBSERVATION CONTAINS 7.324 ACRES MORE OR LESS



BEGINNING OF PIPELINE STA 0+00 BEARS N03°01'46"E 1289.75' FROM THE SOUTHWEST CORNER OF THE NW 1/4 SE 1/4 OF SECTION 7, T7S, R20E, S.L.B.&M.
 P.O.S.L. 51+94.02 BEARS S89°51'02"W 20.04' FROM THE SOUTHEAST CORNER OF SECTION 7, T7S, R20E, S.L.B.&M.
 P.O.S.L. 52+71.79 BEARS S00°52'22"E 57.09' FROM THE NORTHEAST CORNER OF SECTION 18, T7S, R20E, S.L.B.&M.
 END OF PIPELINE STA 106+34.40 BEARS N49°58'54"E 652.53' FROM THE SOUTHWEST CORNER OF SECTION 17, T7S, R20E, S.L.B.&M.

CERTIFICATE
 THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS MADE FROM THE FIELD NOTES OF ACTUAL SURVEYS MADE BY ME AND UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
 [Signature and Seal of Bill Barrett Corporation]

REV 11-07-11

UTAH ENGINEERING & LAND SURVEYING
 85 SOUTH • 200 EAST • (435) 789-1017
 VERNAL, UTAH - 84078

SCALE	1" = 400'	DATE	10-20-11
PARTY	C R S R K O	REFERENCES	G.L.O. PLAT
WEATHER	COOL	FILE	3 2 6 7 1

SURFACE USE AGREEMENT
(Four Star Federal 18-14-7-20 WELL)

THIS AGREEMENT Dated November 22, 2010 by and between _____, whose address is
Four Star Ranch, Inc.
8281 N. Trails Drive, Park City, Utah 84098, hereinafter referred to as "Surface Owner", and
ELK RESOURCES, LLC, whose address is 1401 17TH STREET, SUITE 700, DENVER, CO 80202
hereinafter referred to as "Operator".

WITNESSETH:

WHEREAS, Surface Owner represents that they are the owners in fee and in possession of the surface estate for the following described lands in Uintah County, Utah, hereinafter referred to as "Lands", to wit:

A Tract of land lying in the **NE/4NE/4 of Section 18, Township 7 South, Range 20 East** containing **3.80** acres, more or less and more fully described on Exhibit "A" attached hereto and made a part hereof.

WHEREAS, Operator has or will acquire certain leasehold interests in the oil and gas mineral estate in the Lands and proposes to conduct drilling and subsequent production operations on the Lands; and

WHEREAS, Surface Owner is generally aware of the nature of the operations which may be conducted under oil and gas leases covering the mineral estate of the Lands; and

WHEREAS, the parties believe that it is in their mutual best interest to agree to the amount of damages to be assessed incident to the operations of Operator on the premises in the exploration for, development and production of oil, gas and/or other leasehold substances under the terms of those certain oil and gas leases now owned or which may be acquired by Operator covering portions of the mineral estate of the Lands; and,

WHEREAS, the parties believe that a reasonable estimate can be made of the damages which will result from the exploration, development and production operations contemplated by such oil and gas leases.

5. Operator is responsible for acquiring all necessary permits, licenses, fees, etc. incident to its operations on the Lands.

6. In the event Surface Owner considers that Operator has not complied with all its obligations hereunder, both express and implied, Surface Owner shall notify Operator in writing, setting out specifically in what respects Operator has breached this contract. Operator shall then have sixty (60) days to meet or commence to meet all or any part of the breaches alleged by Surface Owner. The service of said notice shall be precedent to the bringing of any action by Surface Owner for any cause, and no such action shall be brought until the lapse of sixty (60) days after service of such notice on Operator. In the event of litigation, the prevailing party's reasonable attorney's fees will be paid by the opposing party.

7. Operator shall be responsible and shall remain liable for any environmental problems on the subject lands which are caused by or through its operations. To the extent that any such claims are asserted, Operator will be responsible for any remediation required as provided by state regulations. This assumption of liability, however, does not include any third-party operations on the subject lands or any Surface Owner actions which could cause environmental problems but is limited solely to the actions of Operator. Operator hereby indemnifies and holds harmless Surface Owner from any and all environmental problems it causes on the Lands.

8. In the event Surface Owner owns less than the entire fee interest in the Lands, then any payment stated herein shall be proportionately reduced to the interest owned.

9. This Agreement shall remain in full force and effect from the date hereof and for so long thereafter as Operator's oil and gas operations affecting the Lands are in effect.

10. When the word "Operator" is used in this Agreement, it shall also mean the successors and assigns of Operator, including but not limited to its employees and officers, agents, affiliates, contractors, subcontractors and/or purchasers.

11. This Agreement shall be binding upon and inure to the benefit of the heirs, successors and assigns of the parties.

SURFACE OWNER:

David R. Yeaman
By: Four Star Ranch, Inc.
David R. Yeaman, President

SS/Tax ID# 87-0356684

STATE of Utah

ACKNOWLEDGEMENT-INDIVIDUAL

COUNTY of Uintah

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 30th day of November, 2010, personally appeared David R. Yeaman, President of Four Star Ranch, Inc.

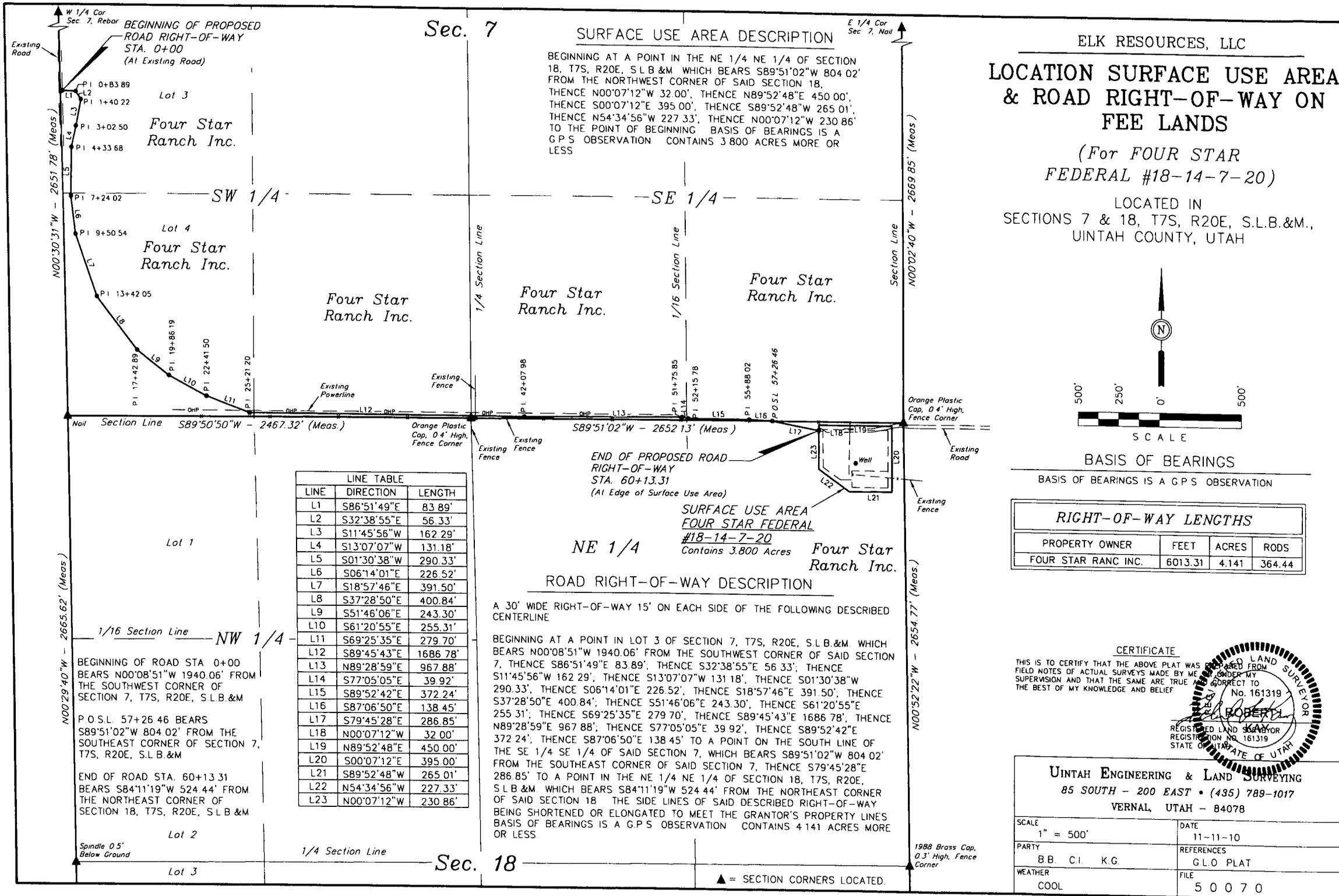
_____ to me known to be the identical person _____ described in and who executed the within and foregoing instrument of writing and acknowledged to me that _____ he _____ duly executed same as _____ his _____ free and voluntary act and deed for the uses and purposes therein set forth and in the capacity stated therein
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written

My Commission Expires November 25, 2014

Terra M. Miller
Notary Public



Sundry Number: 23210 API Well Number: 43047512850000



SURFACE USE AREA DESCRIPTION

BEGINNING AT A POINT IN THE NE 1/4 NE 1/4 OF SECTION 18, T7S, R20E, S.L.B.&M WHICH BEARS S89°51'02"W 804.02' FROM THE NORTHWEST CORNER OF SAID SECTION 18, THENCE N00°07'12"W 32.00', THENCE N89°52'48"E 450.00', THENCE S00°07'12"E 395.00', THENCE S89°52'48"W 265.01', THENCE N54°34'56"W 227.33', THENCE N00°07'12"W 230.86' TO THE POINT OF BEGINNING BASIS OF BEARINGS IS A G.P.S OBSERVATION CONTAINS 3.800 ACRES MORE OR LESS

ROAD RIGHT-OF-WAY DESCRIPTION

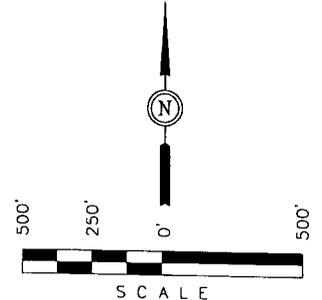
A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE
 BEGINNING AT A POINT IN LOT 3 OF SECTION 7, T7S, R20E, S.L.B.&M WHICH BEARS N00°08'51"W 1940.06' FROM THE SOUTHWEST CORNER OF SAID SECTION 7, THENCE S86°51'49"E 83.89', THENCE S32°38'55"E 56.33', THENCE S11°45'56"W 162.29', THENCE S13°07'07"W 131.18', THENCE S01°30'38"W 290.33', THENCE S06°14'01"E 226.52', THENCE S18°57'46"E 391.50', THENCE S37°28'50"E 400.84', THENCE S51°46'06"E 243.30', THENCE S61°20'55"E 255.31', THENCE S69°25'35"E 279.70', THENCE S89°45'43"E 1686.78', THENCE N89°28'59"E 967.88', THENCE S77°05'05"E 39.92', THENCE S89°52'42"E 372.24', THENCE S87°06'50"E 138.45', THENCE S79°45'28"E 286.85', THENCE N00°07'12"W 32.00', THENCE N89°52'48"E 450.00', THENCE S00°07'12"E 395.00', THENCE S89°52'48"W 265.01', THENCE N54°34'56"W 227.33', THENCE N00°07'12"W 230.86' TO A POINT IN THE NE 1/4 NE 1/4 OF SECTION 18, T7S, R20E, S.L.B.&M WHICH BEARS S84°11'19"W 524.44' FROM THE NORTHEAST CORNER OF SAID SECTION 18 THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES BASIS OF BEARINGS IS A G.P.S OBSERVATION CONTAINS 4.141 ACRES MORE OR LESS

LINE TABLE

LINE	DIRECTION	LENGTH
L1	S86°51'49"E	83.89'
L2	S32°38'55"E	56.33'
L3	S11°45'56"W	162.29'
L4	S13°07'07"W	131.18'
L5	S01°30'38"W	290.33'
L6	S06°14'01"E	226.52'
L7	S18°57'46"E	391.50'
L8	S37°28'50"E	400.84'
L9	S51°46'06"E	243.30'
L10	S61°20'55"E	255.31'
L11	S69°25'35"E	279.70'
L12	S89°45'43"E	1686.78'
L13	N89°28'59"E	967.88'
L14	S77°05'05"E	39.92'
L15	S89°52'42"E	372.24'
L16	S87°06'50"E	138.45'
L17	S79°45'28"E	286.85'
L18	N00°07'12"W	32.00'
L19	N89°52'48"E	450.00'
L20	S00°07'12"E	395.00'
L21	S89°52'48"W	265.01'
L22	N54°34'56"W	227.33'
L23	N00°07'12"W	230.86'

ELK RESOURCES, LLC
LOCATION SURFACE USE AREA & ROAD RIGHT-OF-WAY ON FEE LANDS
 (For FOUR STAR FEDERAL #18-14-7-20)

LOCATED IN SECTIONS 7 & 18, T7S, R20E, S.L.B.&M., UTAH COUNTY, UTAH



BASIS OF BEARINGS
 BASIS OF BEARINGS IS A G.P.S OBSERVATION

RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
FOUR STAR RANC INC.	6013.31	4.141	364.44

CERTIFICATE
 THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

ROBERT J. KAY
 REGISTERED LAND SURVEYOR
 No. 161319
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
 85 SOUTH - 200 EAST • (435) 789-1017
 VERNAL, UTAH - 84078

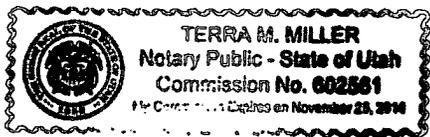
SCALE 1" = 500'	DATE 11-11-10
PARTY BB C.I. K.G.	REFERENCES G.L.O PLAT
WEATHER COOL	FILE 5 0 0 7 0

RECEIVED: Feb. 21, 2012

ACKNOWLEDGEMENT

STATE OF Utah)
) SS
COUNTY OF Uintah)

On the 8th day of November, 2011, before me the undersigned authority, appeared **David R. Yeaman**, to me personally known, who, being sworn, did say that they are the President of Four Star Ranch, Inc., and that the foregoing instrument was signed in behalf of said partnership and Appearer acknowledged to me that said instrument to be the free act and deed of the partnership.



[Signature]
Notary Public for the State of

Residing at Vernal, UT

ACKNOWLEDGEMENT

STATE OF _____)
) SS
COUNTY OF _____)

On the ___ day of _____, 2011, before me the undersigned authority, appeared **Huntington T. Walker**, to me personally known, who, being sworn, did say that they are the SVP Land for Aurora Gathering, LLC, and that the foregoing instrument was signed in behalf of said partnership and Appearer acknowledged to me that said instrument to be the free act and deed of the partnership.

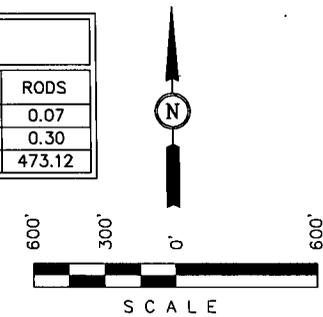
Notary Public for the State of

Residing at _____

BILL BARRETT CORPORATION
PIPELINE RIGHT-OF-WAY
ON FEE LANDS
 (For AURORA #15-8-7-20)

LOCATED IN
 SECTIONS 8 & 17, T7S, R20E, S.L.B.&M.
 UINTAH COUNTY, UTAH

RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	ACRES	RODS
BLAINE M. & ELLEN T. ARGYLE	1.14	0.001	0.07
THOMAS GEORGE PERRY	4.92	0.003	0.30
FOUR STAR RANCH INC.	7806.47	5.376	473.12



PIPELINE RIGHT-OF-WAY DESCRIPTION FOUR STAR RANCH INC. LANDS

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

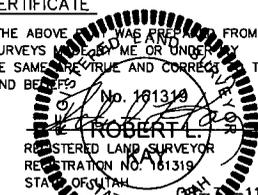
BEGINNING AT A POINT ON THE NORTH LINE OF THE NE 1/4 NW 1/4 OF SAID SECTION 17, WHICH BEARS S89°53'55"W 2.61' FROM THE NORTH 1/4 CORNER OF SAID SECTION 17, THENCE S31°41'56"W 40.26'; THENCE N89°59'58"W 1011.71'; THENCE S79°59'00"W 98.00'; THENCE S89°49'01"W 1264.16'; THENCE S71°48'18"W 174.15'; THENCE S01°17'17"E 564.10'; THENCE S00°18'11"E 191.03'; THENCE S00°18'34"E 1709.70'; THENCE S20°00'28"E 112.93'; THENCE S01°05'24"E 92.67'; THENCE S01°03'58"W 185.41'; THENCE S01°43'35"E 159.08'; THENCE S03°03'08"W 407.15'; THENCE S00°18'22"E 1368.37'; THENCE N89°15'00"E 427.74' TO A POINT IN THE SW 1/4 SW 1/4 OF SAID SECTION 17, WHICH BEARS N49°58'54"E 652.53' FROM THE SOUTHEAST CORNER OF SAID SECTION 17. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 5.376 ACRES MORE OR LESS.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

CERTIFICATE

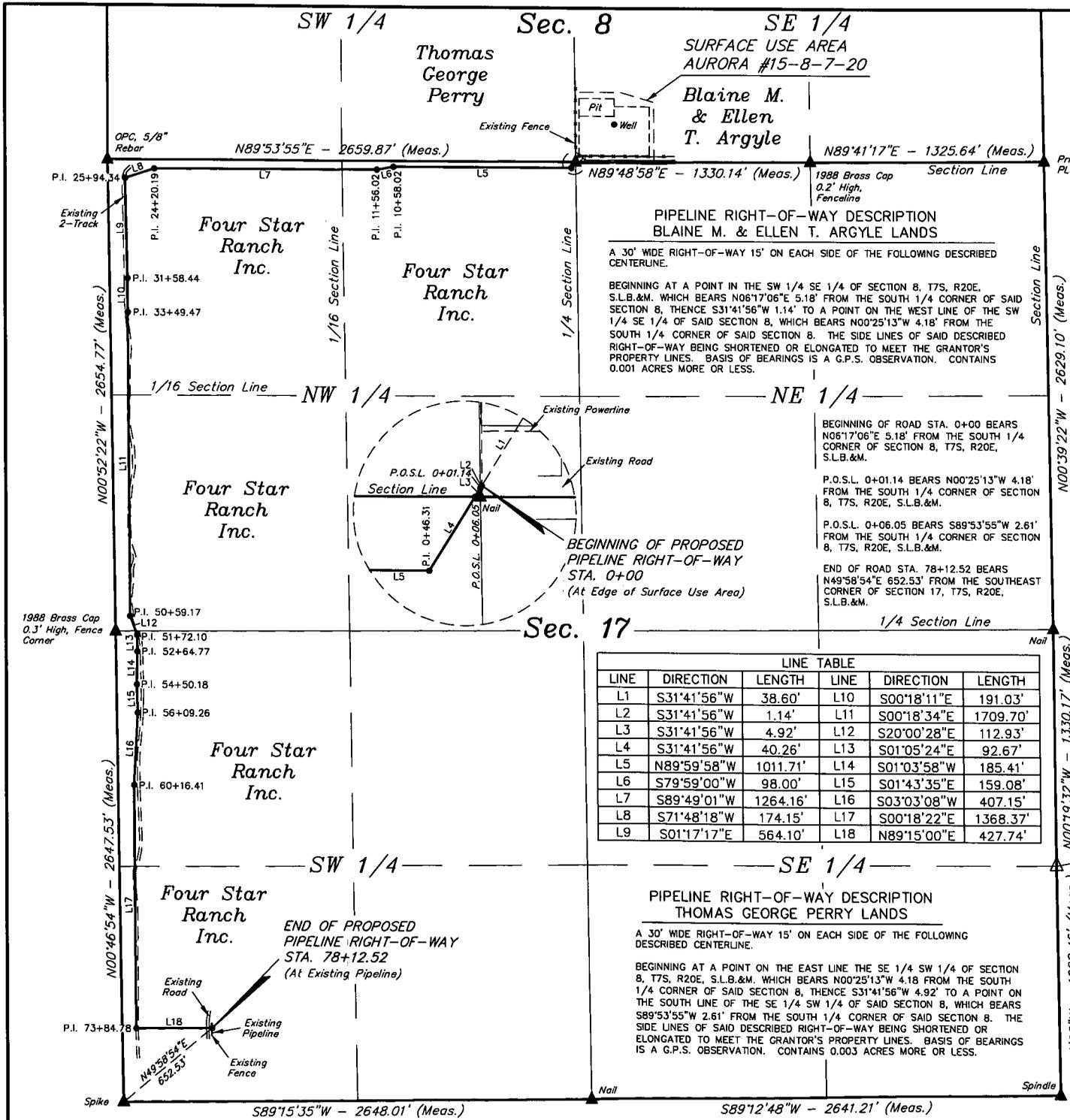
THIS IS TO CERTIFY THAT THE ABOVE WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



UINTAH ENGINEERING & LAND SURVEYING
 85 SOUTH - 200 EAST • (435) 789-1017
 VERNAL, UTAH - 84078

SCALE 1" = 600'	DATE 08-31-11
PARTY C.R. S.R. S.L.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE 5 1 0 3 6

▲ = SECTION CORNERS LOCATED.



4304751285,
4304752006,
4304752005,

4304751509,
4304752129,
4304752394



United States Department of the Interior



BUREAU OF LAND MANAGEMENT
Utah State Office
440 West 200 South, Suite 500
Salt Lake City, UT 84101
<http://www.blm.gov/ut/st/en.html>

IN REPLY REFER TO:
3180 (UTU82456X)
UT922000

April 19, 2013

RECEIVED
JUN 14 2013
Div. of Oil, Gas & Mining

Mr. Thomas Abell
Bill Barrett Corporation
1099 18th Street, Suite 2300
Denver, Colorado 80202

Re: Initial Green River-Wasatch
Participating Areas
"C" "D" "E" "F" "G" and "H"
Aurora (Deep) Unit
Uintah County, Utah

Dear Mr. Abell:

The Initial Green River-Wasatch Participating Area "C", Aurora (Deep) Unit, UTU82456E, is hereby approved effective as of February 24, 2011, pursuant to Section 11 of the Aurora (Deep) Unit Agreement, Uintah County, Utah.

The Initial Green River-Wasatch Participating Area "C" contains 151.15 acres and is based on the completion of Unit Well No. Four Star 7-32-7-20, API No. 43-047-51285, located in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 7, Township 7 South, Range 20 East, SLB&M, Unit Tract No. 24, Fee Lease, as a well capable of producing unitized substances in paying quantities.

The Initial Green River-Wasatch Participating Area "D", Aurora (Deep) Unit, UTU82456F, is hereby approved effective as of April 16, 2012, pursuant to Section 11 of the Aurora (Deep) Unit Agreement, Uintah County, Utah.

The Initial Green River-Wasatch Participating Area "D" contains 160.00 acres and is based on the completion of Unit Well No. Aurora 15-28D-7-20, API No. 43-047-52006, located in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 28, Township 7 South, Range 20 East, SLB&M, Unit Tract No. 16, Lease No. UTU80689, as a well capable of producing unitized substances in paying quantities.

The Initial Green River-Wasatch Participating Area "E", Aurora (Deep) Unit, UTU82456G, is hereby approved effective as of May 5, 2012, pursuant to Section 11 of the Aurora (Deep) Unit Agreement, Uintah County, Utah.

The Initial Green River-Wasatch Participating Area "E" contains 160.00 acres and is based on the completion of Unit Well No. Aurora 3-20D-7-20, API No. 43-047-52005, located in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 20, Township 7 South, Range 20 East, SLB&M, Unit Tract No. 8, Lease No. UTU75093, as a well capable of producing unitized substances in paying quantities.

Please be advised that the Unit Well No. Wall 13-17 API No. 43-047-36668, located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 17, Township 7 South, Range 20 East, SLB&M, was recompleted in the Green River-Wasatch Formation on July 18, 2012, and determined to be a well capable of producing unitized substances in paying quantities by our office on April 1, 2013. The first revision of the Green River-Wasatch Participating Area "E", when submitted by your office, will be effective July 1, 2012.

The Initial Green River-Wasatch Participating Area "F", Aurora (Deep) Unit, UTU82456H, is hereby approved effective as of August 24, 2012, pursuant to Section 11 of the Aurora (Deep) Unit Agreement, Uintah County, Utah.

The Initial Green River-Wasatch Participating Area "F" contains 160.00 acres and is based on the completion of Unit Well No. Aurora 15-8-7-20, API No. 43-047-51509, located in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 8, Township 7 South, Range 20 East, SLB&M, Unit Tract No. 25, Fee Lease, as a well capable of producing unitized substances in paying quantities.

The Initial Green River-Wasatch Participating Area "G", Aurora (Deep) Unit, UTU82456I, is hereby approved effective as of October 31, 2012, pursuant to Section 11 of the Aurora (Deep) Unit Agreement, Uintah County, Utah.

The Initial Green River-Wasatch Participating Area "G" contains 160.00 acres and is based on the completion of Unit Well No. Aurora 3-16D-7-20, API No. 43-047-⁵²¹²⁹~~51129~~, located in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 16, Township 7 South, Range 20 East, SLB&M, Unit Tract No. 32, Fee Lease, as a well capable of producing unitized substances in paying quantities.

The Initial Green River-Wasatch Participating Area "H", Aurora (Deep) Unit, UTU82456J, is hereby approved effective as of November 12, 2012, pursuant to Section 11 of the Aurora (Deep) Unit Agreement, Uintah County, Utah.

The Initial Green River-Wasatch Participating Area "H" contains 160.00 acres and is based on the completion of Unit Well No. Aurora 9-1D-7-20¹⁹, API No. 43-047-52394, located in the NE¼SE¼ of Section 1, Township 7 South, Range 20¹⁹ East, SLB&M, Unit Tract No. 20, Fee Lease, as a well capable of producing unitized substances in paying quantities.

Copies of the approved requests are being distributed to the appropriate regulatory agencies and one copy is returned herewith. Please advise all interested parties of the approval of the Initial Green River-Wasatch Participating Areas "C" "D" "E" "F" "G" and "H", Aurora (Deep) Unit and their effective dates.

If you have any questions, please contact Judy Nordstrom at (801) 539-4108.

Sincerely,

/s/ Roger L. Bankert

Roger L. Bankert
Chief, Branch of Minerals

Enclosure

cc: ONRR w/Exhibit "B" (Attn: Nancy McCarty)
BLM FOM - Vernal w/enclosure

bcc: Unit file – Aurora (Deep) Unit w/enclosure
Fluids – Mickey
Fluids - Becky
Fluids - Judy
Agr. Sec. Chron.
Reading File
Central Files

JNordstrom:4/18/2013

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT FORM 8
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:

9. API NUMBER:

10 FIELD AND POOL, OR WILDCAT

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

12. COUNTY

13. STATE

UTAH

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF WORK: NEW WELL HORIZ. LATS. DEEP-EN RE-ENTRY DIFF. RESVR. OTHER _____

2. NAME OF OPERATOR:

3. ADDRESS OF OPERATOR: CITY STATE ZIP PHONE NUMBER:

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE:

AT TOP PRODUCING INTERVAL REPORTED BELOW:

AT TOTAL DEPTH:

14. DATE SPUDDED: 15. DATE T.D. REACHED: 16. DATE COMPLETED: ABANDONED READY TO PRODUCE 17. ELEVATIONS (DF, RKB, RT, GL):

18. TOTAL DEPTH: MD TVD 19. PLUG BACK T.D.: MD TVD 20. IF MULTIPLE COMPLETIONS, HOW MANY? * 21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) 23. WAS WELL CORED? NO YES (Submit analysis)
WAS DST RUN? NO YES (Submit report)
DIRECTIONAL SURVEY? NO YES (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A)				
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:

- ELECTRICAL/MECHANICAL LOGS GEOLOGIC REPORT DST REPORT DIRECTIONAL SURVEY
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION CORE ANALYSIS OTHER: _____

30. WELL STATUS:

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) _____ TITLE _____

SIGNATURE _____ Electronic Submission _____ DATE _____

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

Four Star 7-32-7-20 Completion Report Continued*

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)			
AMOUNT AND TYPE OF MATERIAL			
<u>Stage</u>	<u>BBS Total Fluid</u>	<u>gal 15% HCl Acid</u>	<u>lbs 20/40 White Sand</u>
4	2942	4098	120,000
5	3530	4025	121,500
6	3571	4034	122,500
7	3111	3389	99,900
8	3085	3086	100,600
9	3083	3569	101,300
10	3525	4076	129,200
11	3500	3927	126,600

*Depth intervals for frac information same as perforation record intervals.

**Four Star 7-32 8/21/2011 06:00 - 8/22/2011 06:00**

API/UWI 43-047-51285	State/Province Utah	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB)	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.50	09:30	GOP	General Operations	Nabors Rig 1431 Travel from 7-16-36 BTR to location. Well still pumping oil to sales.
09:30	2.50	12:00	SRIG	Rig Up/Down	MIRU Nabors rig 1431, R/D pumping unit. Trucked in rig pump and tank. RU rod equipment.
12:00	1.50	13:30	GOP	General Operations	Unseated rod pump. R/U hot oil truck, flushed rods with 40 bbls of 3% KCL @ 160".
13:30	5.50	19:00	PURP	Pull Rod Pump	L/D 1 1/2" PR, 1- 6' x, 1" 1- 2' x1" pony subs, POOH with 96 -1", 108 - 7/8", 132" 3/4", 12-K-bars and one 2 1/2"x2"x28'
19:00	11.00	06:00	LOCL	Lock Wellhead & Secure	Shut in and secured well for the night.

Four Star 7-32 8/22/2011 06:00 - 8/23/2011 06:00

API/UWI 43-047-51285	State/Province Utah	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB)	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	LOCL	Lock Wellhead & Secure	Nabors Rig Crew arrived at 06:30, Safety meeting with rig crew, Review JSA.
07:00	1.00	08:00	GOP	General Operations	Changed over to tbg equipment. R/U Rig pump and hard line to casing. 30 psi on the casing.
08:00	1.00	09:00	WKLL	Kill Well	Primed pump, Open casing, pumped 100 bbls of 3 % kcl. Killed Well.
09:00	1.00	10:00	BOPI	Install BOP's	N/D well Head, placed lifting sub in well head top, P/up to 55,000# on the well head. Released tbg anchor. Set slips, Broke out 7 1/16" 10k flange adapter. Striped on bop's.
10:00	2.00	12:00	GOP	General Operations	R/U rig floor and tbg equipment. RIH with 49 jts of 2 7/8" tbg and tagged PBTD @ 10,333'.
12:00	2.50	14:30	PULT	Pull Tubing	POOH with 101 jts of 2 7/8", Rig crew switching over to double fast line, down for hour an half, due to a bad fuse, rig would not go into reverse.
14:30	1.50	16:00	DTIM	Downtime	Down Time, Waiting on fues, Fixed rig.
16:00	3.00	19:00	PULT	Pull Tubing	Continued to pull out of the hole with tbg, Laid down 123 jts of 2 7/8".
19:00	11.00	06:00	LOCL	Lock Wellhead & Secure	Shut in and secured well head for the night.

Four Star 7-32 8/23/2011 06:00 - 8/24/2011 06:00

API/UWI 43-047-51285	State/Province Utah	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB)	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	LOCL	Lock Wellhead & Secure	Well shut in, Rig crew arrived @ 06:30, Safety Meeting, reviewed JSA, Rig mechanic needed to run a service check on the rig. 10 psi on the well, bled down pressure to flat tanks.
08:30	2.00	10:30	PULT	Pull Tubing	Open pipe rams, POOH with 78 jts 2 7/8" tbg, 1-4.5" x 2 7/8" tbg anchor. 16-jts of 2 7/8" 1- 2 7/8"S/N 1-2 7/8" Perf sub. 1- de sanders 1- gas anchor. 2- jts of 2 7/8" tbg 1-purge valve.
10:30	2.50	13:00	SRIG	Rig Up/Down	Safety meeting with E-line crew and rig crew. R/up E-line flange adapter and lubricator. P/up 4.70" Gauge ring and Junk basket. RIH do not tag any obstruction @ 8450'. POOH with E-line.
13:00	1.00	14:00	CTUW	W/L Operation	P/up CIBP and setting tools, Ran correlation strip from 7930' to 8000' across DV tool section. Made depth correction to CCL off of log reference CBL/GR/VDL/ ran on 1/28/2011.DV Tool located @ 7942' to 7965'. Drop down and set CIBP @ 8437'. POOH with E-line. R/D E-line equipment.
14:00	3.00	17:00	SRIG	Rig Up/Down	Filled hole with 150 bbls of 3 % kcl, pressure tested casing to 2500 psi, Tested held good for 5 minutes. bled off pressure. R/D rig floor, N/D bop's installed night cap flange. R/D Rig 1431. clear & cleaned location.
17:00	13.00	06:00	LOCL	Lock Wellhead & Secure	Well shut in secured. Continued to truck in frac tanks.

**Four Star 7-32 8/24/2011 06:00 - 8/25/2011 06:00**

API/UWI 43-047-51285	State/Province Utah	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB)	Primary Job Type Recompletion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	24.00	06:00	LOCL	Lock Wellhead & Secure	Secured location, Well currently shut in, Cleaned out cellar ring, located surface valves. Finished trucking in frac tanks, completed frac tank line on locations and on staging area. Construction crews are still working on back filling the reserve pit.	

Four Star 7-32 8/25/2011 06:00 - 8/26/2011 06:00

API/UWI 43-047-51285	State/Province Utah	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB)	Primary Job Type Recompletion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00		06:00			Construction crews finished back filling the resever pit.	

Four Star 7-32 8/26/2011 06:00 - 8/27/2011 06:00

API/UWI 43-047-51285	State/Province Utah	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB)	Primary Job Type Recompletion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	24.00	06:00	LOCL	Lock Wellhead & Secure	Well shut in and secured, starting to fill frac tanks with 3% kcl.	

Four Star 7-32 8/27/2011 06:00 - 8/28/2011 06:00

API/UWI 43-047-51285	State/Province Utah	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB)	Primary Job Type Recompletion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	

Four Star 7-32 8/28/2011 06:00 - 8/29/2011 06:00

API/UWI 43-047-51285	State/Province Utah	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB)	Primary Job Type Recompletion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	24.00	06:00	LOCL	Lock Wellhead & Secure	Well shut in and secured. Trucked in storage tanks.	

Four Star 7-32 8/29/2011 06:00 - 8/30/2011 06:00

API/UWI 43-047-51285	State/Province Utah	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB)	Primary Job Type Recompletion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	24.00	06:00	LOCL	Lock Wellhead & Secure	Check pressure on well head, 0 psi. N/D 7 1/16" 10K night cap, N/U Wood group ISO Sleeve and installed 7 1/16" 10k spool, DSA to 5 1/8" 10K, N/U 5 1/8" master valve, flow cross with 1 13/16 10k wing valves back to 5 1/8" 10k upper swab valve and goat head. tested ISO seal to 8000#, held test for 10 min, good test, R/U IPS pressure test unit, pressure tested frac tree and 5.5" N-80 casing to 500 psi low held good for 5 minutes increase pressure to 6200 psi. held test on remote chart recorder for 15 minutes. good test.. Set flow back tanks and R/U flow back lines and built berms around flow back tanks and storage tanks.	

Four Star 7-32 8/30/2011 06:00 - 8/31/2011 06:00

API/UWI 43-047-51285	State/Province Utah	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB)	Primary Job Type Recompletion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	24.00	06:00	LOCL	Lock Wellhead & Secure	Greased lower gate valves. Finished building berms around flow back tanks. Set up wash up line for frac. Clean and leveled up location. Secured well head.	

Four Star 7-32 9/5/2011 06:00 - 9/6/2011 06:00

API/UWI 43-047-51285	State/Province Utah	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB)	Primary Job Type Recompletion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.50	07:30	DTIM	Downtime	WSI And Secured	



Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
07:30	3.84	11:20	SRIG	Rig Up/Down	Delsco And IPS Arrive On Location, Hold Safety Meeting, P/T FlowBack Iron To 4000#. SLB W/L Arrive On Location, Hold Safety Meeting, Spot Equipment, Assemble Lubricator And Arm And P/U Gun, N/U To Well. HES Arrive On Location At 0730 Hrs., Begin Spotting Equipment And Rig-Up.	
11:20	1.75	13:05	PFRT	Perforating	RIH With 3 1/8" PJ Omega Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes, Stacked Out Twice At 80', POOH, Gun Covered In Parafin/Wax, Cleaned Off Gun, RBIH, Worked Way Thru Gunk, At 90', Normal Weight And Tension Regained. Correlating To BAKER HUGHES RT EXPLORER/ MICRO LATERAL LOG (CZ-D/CNL/DACL) 12-11-2010 And BAKER HUGHES CBL/CCL/GR/VDL 01-28-2011, Found And Correlated To Marker Joints At 5486- - 5492'- And 7942 - 7965'-'. Drop Down To Depth And Shoot Stage 4 CR-1/Wasatch Zone As Follows; 8153 - 8154, 8169 - 8170, 8182 - 8183, 8197 - 8198, 8212 - 8213, 8243 - 8244, 8269 - 8270, 8281 - 8282, 8291 - 8292, 8305 - 8306, 8338 - 8339, 8383 - 8384, 8417 - 8418. 39 Holes. POOH. Verify On Surface All Shots Fired, LD Spent Gun. WSI And Secured.	
13:05	0.67	13:45	SRIG	Rig Up/Down	LD Gun, P/U CCL Into Lubr., N/U To Wellhead, Pressure Test Lubr. To 4500#'s, Good Test.W/L ShutDown And Secure Equipment, HES Finish Rigging Up And Hauling In Sand.	
13:45	16.25	06:00	DTIM	Downtime	WSI And Secured, SDFD	

Four Star 7-32 9/6/2011 06:00 - 9/7/2011 06:00

API/UWI 43-047-51285	State/Province Utah	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB)	Primary Job Type Recompletion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.84	07:50	GOP	General Operations	HES Arrive On Location At 0530 Hrs., Start Equipment, Blender Hard Drive Failed, Had To Run Into Yard And Get Another One. Scheduled To Pump At 0700 Hrs., With Delay Fixing Blender, Going Downhole At 0900 Hrs. Prime Chemicals And HHP, Pressure Test To 9200#. Hold Safety Meeting, 22 HES, 4 SLB, 2 DELSCO, 1 IPS, 1 WEST. PETROLEUM, 1 BBC.	
07:50	1.34	09:10	FRAC	Frac. Job	Stage 4 Wasatch/CR-1 Frac. Open Well, 0 Psi ICP, Well On Suck, Took 81 Bbls. To Fill. Achieved BreakDown At 12.2 Bpm And 1738 Psi., Pumped 3900 Gals. 15% HCL While Dropping 78 Bio Balls. Flush Balls Away With 3% KCL To 10 Bbls. Over Bottom Perf. Volume, Saw Good Ball Action, S/D For 15 Min. After Surging Three Times To Let Balls Fall. Pumped 3% KCL Pad, S/D For ISIP After Stabilized Rate Of 70.5 Bpm And Pressure 3160 Psi., Isip 1204 Psi., .584 F.G., 26/39 Holes Open. Pumped 6 XL Stages With Hybor G 16 Fluid, 1# 100 Mesh, 1#, 2#, 3.0#, 3.5# And 4# 20/40 CRC, 150#'s Scale Inhibitor Pumped In 2# Stage, SawGood XL(Maintained 20#) Throughout. Flush With 3% KCL 15 Bbls. Over Bottom Perf Volume. Pumped 121,432 Gals. 3% KCL, 77,184 Gals. Was X Link. 19,200#'s 100 Mesh And 156,400#'s 20/40 CRC Sand.Total Load To Recover 2991 Bbls.. ISDP 1580 Psi., .630 F.G., Max Rate 71.0 Bpm Max Pressure 5755 Psi. Avg Rate 68.0 Bpm Avg. Pressure 2724 Psi.. WSI And Secured, Turn Over To W/L.	
09:10	0.33	09:30	CTUW	W/L Operation	W/L Arm And P/U Gun Into Lubr., N/U To Well, Equalize To Well Pressure With IPS.	
09:30	1.25	10:45	PFRT	Perforating	RIH With 3 1/8" PJ Omega Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To BAKER HUGHES RT EXPLORER/ MICRO LATERAL LOG (CZ-D/CNL/DACL) 12-11-2010 And BAKER HUGHES CBL/CCL/GR/VDL 01-28-2011, Found And Correlated To Marker Joints At 5486- - 5492'- And 7942 - 7965'-'. Drop Down To Depth, Set CBP At 8143', Pull Up And Shoot Stage 5 CR-1 Zone As Follows; 7897 - 7898, 7917 - 7918, 7929 - 7930, 7948 - 7949, 7969 - 7970, 7985 - 7986, 8007 - 8008, 8025 - 8026, 8035 - 8036, 8053 - 8054, 8071 - 8072, 8099 - 8100, 8129 - 8130. 39 Holes. POOH. Verify On Surface All Shots Fired, LD Spent Gun. WSI And Secured.	
10:45	0.25	11:00	GOP	General Operations	Well Turned Over To HES, Pressure Test To 8500#, Equalize And Open To Well	
11:00	1.41	12:25	FRAC	Frac. Job	Stage 5 CR-1 Frac. Open Well, 870 Psi ICP. Achieved BreakDown At 21.6 Bpm And 1823 Psi., Pumped 3900 Gals. 15% HCL While Dropping 78 Bio Balls. Flush Balls Away With 3% KCL To 10 Bbls. Over Bottom Perf. Volume, Saw Good Ball Action, S/D For 15 Min. After Surging Three Times To Let Balls Fall. Pumped 3% KCL Pad, S/D For ISIP After Stabilized Rate Of 71.0 Bpm And Pressure 3230 Psi., Isip 990 Psi., .563 F.G., 30/39 Holes Open. Pumped 6 XL Stages With Hybor G 16 Fluid, 1# 100 Mesh, 1#, 2#, 3.0#, 3.5# And 4# 20/40 CRC, 150#'s Scale Inhibitor Pumped In 2# Stage, SawGood XL(Maintained 20#) Throughout. Flush With 3% KCL 15 Bbls. Over Bottom Perf Volume. Pumped 146,247 Gals. 3% KCL, 74,979 Gals. Was X Link Fluid. 19,200#'s 100 Mesh And 148,900#'s 20/40 CRC Sand.Total Load To Recover 3583 Bbls.. ISDP 1549 Psi., .632 F.G., Max Rate 72.6 Bpm Max Pressure 3690 Psi. Avg Rate 70.9 Bpm Avg. Pressure 2664 Psi. WSI And Secured. Turn Over To W/L.	
12:25	0.25	12:40	CTUW	W/L Operation	W/L Arm And P/U Gun Into Lubr., N/U To Well, Equalize To Well Pressure With IPS.	

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
12:40	1.33	14:00	PFRT	Perforating	RIH With 3 1/8" PJ Omega Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To BAKER HUGHES RT EXPLORER/ MICRO LATERAL LOG (CZ-D/CNL/DACL) 12-11-2010 And BAKER HUGHES CBL/CCL/GR/VDL 01-28-2011, Found And Correlated To Marker Joints At 5486- - 5492'- And 7942 - 7965'- Drop Down To Depth, Set CBP At 7888', Pull Up And Shoot Stage 6 CR-1/UteLand Butte/CastlePeak Zone As Follows; 7657 - 7658, 7668 - 7669, 7681 - 7682, 7699 - 7700, 7713 - 7714, 7734 - 7735, 7763 - 7764, 7778 - 7779, 7813 - 7814, 7825 - 7826, 7837 - 7838, 7848 - 7849, 7872 - 7873. 39 Holes. POOH. Verify On Surface All Shots Fired, LD Spent Gun. WSI And Secured.
14:00	1.00	15:00	GOP	General Operations	W/L ShutDown And Secure Equipment
15:00	15.00	06:00	DTIM	Downtime	WSI And Secured, SDFD.

Four Star 7-32 9/7/2011 06:00 - 9/8/2011 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-51285	Utah	Uintah	Aurora	PRODUCING		Recompletion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.59	06:35	GOP	General Operations	HES Arrive On Location At 0500 Hrs., Start Equipment, Prime Chemicals And HHP, Pressure Test To 7200#. Hold Safety Meeting. Scheduled To Pump At 0700 Hrs., Going DownHole At 0635 Hrs. 22 HES, 2 DELSCO, 1 BBC.
06:35	1.50	08:05	FRAC	Frac. Job	Stage 6 CR-1/UteLand Butte/Castle Peak Frac. Open Well, 670 Psi ICP. Achieved BreakDown At 10.3 Bpm And 1996 Psi., Pumped 3900 Gals. 15% HCL While Dropping 78 Bio Balls. Flush Balls Away With 3% KCL To 10 Bbls. Over Bottom Perf. Volume, Saw Good Ball Action, S/D For 15 Min. After Surging Three Times To Let Balls Fall. Pumped 3% KCL Pad, S/D For ISIP After Stabilized Rate Of 70.7 Bpm And Pressure 3659 Psi., Isip 1019 Psi., .570 F.G., 19/39 Holes Open. Pumped 6 XL Stages With Hybor G 16 Fluid, 1# 100 Mesh, 1#, 2#, 3.0#, 3.5# And 4# 20/40 CRC, 150#'s Scale Inhibitor Pumped In 2# Stage, XL Started Out Weak, Bumped Up CL31 To .35 From .30, Looked Better, Bumped Up To .40, SawGood XL From There, About Start Of 3#.(Maintained 20#) Throughout. Flush With 3% KCL 15 Bbls. Over Bottom Perf Volume. Pumped 147,888 Gals. 3% KCL, 77,169 Gals. Was X Link Fluid. 19,200#'s 100 Mesh And 157,400#'s 20/40 CRC Sand.Total Load To Recover 3655 Bbls.. ISDP 1503 Psi., .633 F.G., Max Rate 71.6 Bpm Max Pressure 3638 Psi. Avg Rate 70.7 Bpm Avg. Pressure 3009 Psi. WSI And Secured. Turn Over To W/L.
08:05	0.25	08:20	CTUW	W/L Operation	W/L Arm And P/U Gun Into Lubr., N/U To Well, Equalize To Well Pressure With IPS.
08:20	1.25	09:35	PFRT	Perforating	RIH With 3 1/8" PJ Omega Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To BAKER HUGHES RT EXPLORER/ MICRO LATERAL LOG (CZ-D/CNL/DACL) 12-11-2010 And BAKER HUGHES CBL/CCL/GR/VDL 01-28-2011, Found And Correlated To Marker Joint At 5486- - 5492'- Drop Down To Depth, Set CBP At 7642', Pull Up And Shoot Stage 7 Castle Peak Zone As Follows; 7449 - 7450, 7463 - 7464, 7485 - 7486, 7511 - 7512, 7543 - 7544, 7559 - 7560, 7577 - 7578, 7589 - 7590, 7607 - 7608, 7629 - 7631. 33 Holes. POOH. Verify On Surface All Shots Fired, LD Spent Gun. WSI And Secured.
09:35	0.08	09:40	GOP	General Operations	Well Turned Over To HES, Pressure Test To 8500#, Equalize And Open To Well
09:40	1.34	11:00	FRAC	Frac. Job	Stage 7 Castle Peak Frac. Open Well, 940 Psi ICP. Achieved BreakDown At 10.6 Bpm And 2486 Psi., Pumped 3300 Gals. 15% HCL While Dropping 66 Bio Balls. Flush Balls Away With 3% KCL To 10 Bbls. Over Bottom Perf. Volume, Saw Good Ball Action, S/D For 15 Min. After Surging Three Times To Let Balls Fall. Pumped 3% KCL Pad, S/D For ISIP After Stabilized Rate Of 70.5 Bpm And Pressure 4086 Psi., Isip 1564 Psi., .646 F.G., 19/33 Holes Open. Pumped 6 XL Stages With Hybor G 16 Fluid, 1# 100 Mesh, 1#, 2#, 3.0#, 3.5# And 4# 20/40 White Sand, 150#'s Scale Inhibitor Pumped In 2# Stage, SawGood XL(Maintained 20#) Throughout. Flush With 3% KCL 15 Bbls. Over Bottom Perf Volume. Pumped 128,907 Gals. 3% KCL, 66,451 Gals. Was X Link Fluid. 16,600#'s 100 Mesh And 133,300#'s 20/40 White Sand.Total Load To Recover 3154 Bbls.. ISDP 1999 Psi., .704 F.G., Max Rate 71.3 Bpm Max Pressure 3907 Psi. Avg Rate 70.2 Bpm Avg. Pressure 3402 Psi. WSI And Secured. Turn Over To W/L.
11:00	0.25	11:15	CTUW	W/L Operation	W/L Arm And P/U Gun Into Lubr., N/U To Well, Equalize To Well Pressure With IPS.
11:15	1.25	12:30	PFRT	Perforating	RIH With 3 1/8" PJ Omega Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To BAKER HUGHES RT EXPLORER/ MICRO LATERAL LOG (CZ-D/CNL/DACL) 12-11-2010 And BAKER HUGHES CBL/CCL/GR/VDL 01-28-2011, Found And Correlated To Marker Joint At 5486- - 5492'- Drop Down To Depth, Set CBP At 7430', Pull Up And Shoot Stage 8 Black Shale/Douglas Creek Zone As Follows; 7205 - 7206, 7231 - 7232, 7269 - 7270, 7281 - 7282, 7310 - 7311, 7327 - 7328, 7333 - 7334, 7362 - 7363, 7379 - 7380, 7411 - 7412. 30 Holes. POOH. Verify On Surface All Shots Fired, LD Spent Gun. WSI And Secured.



Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
12:30	1.00	13:30	GOP	General Operations	W/L ShutDown And Secure Equipment	
13:30	16.50	06:00	DTIM	Downtime	WSI And Secured, SDFD.	

Four Star 7-32 9/8/2011 06:00 - 9/9/2011 06:00

API/UWI 43-047-51285	State/Province Utah	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB)	Primary Job Type Recompletion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	0.42	06:25	GOP	General Operations	HES Arrive On Location At 0500 Hrs., Start Equipment, Prime Chemicals And HHP, Pressure Test To 9200#. Hold Safety Meeting. Scheduled To Pump At 0700 Hrs., Going DownHole At 0635 Hrs. 22 HES, 2 DELSCO, 1 BBC.	
06:25	1.34	07:45	FRAC	Frac. Job	Stage 8 Black Shale/Douglas Creek Frac. Open Well, 1835 Psi ICP. Achieved BreakDown At 8.7 Bpm And 3841 Psi., Pumped 3000 Gals. 15% HCL While Dropping 60 Bio Balls. Flush Balls Away With 3% KCL To 10 Bbls. Over Bottom Perf. Volume, Saw Good Ball Action, S/D For 15 Min. After Surging Three Times To Let Balls Fall. Pumped 3% KCL Pad, S/D For ISIP After Stabilized Rate Of 70.7 Bpm And Pressure 4248 Psi., Isip 1875 Psi., .695 F.G., 20/30 Holes Open. Pumped 6 XL Stages With Hybor G 16 Fluid, 1# 100 Mesh, 1#, 2#, 3.0#, 3.5# And 4# 20/40 White Sand, 150#'s Scale Inhibitor Pumped In 2# Stage, SawGood XL(Maintained 20#) Throughout. Flush With 3% KCL 15 Bbls. Over Bottom Perf Volume. Pumped 127,976 Gals. 3% KCL, 66,128 Gals. Was X Link Fluid. 16,400#'s 100 Mesh And 133,300#'s 20/40 White Sand.Total Load To Recover 3206 Bbls.. ISDP 2297 Psi., .753 F.G., Max Rate 71.9 Bpm Max Pressure 4193 Psi. Avg Rate 71.7 Bpm Avg. Pressure 3801 Psi. WSI And Secured. Turn Over To W/L.	
07:45	0.25	08:00	CTUW	W/L Operation	W/L Arm And P/U Gun Into Lubr., N/U To Well, Equalize To Well Pressure With IPS.	
08:00	1.17	09:10	PFRT	Perforating	RIH With 3 1/8" PJ Omega Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To BAKER HUGHES RT EXPLORER/ MICRO LATERAL LOG (CZ-D/CNL/DACL) 12-11-2010 And BAKER HUGHES CBL/CCL/GR/VDL 01-28-2011, Found And Correlated To Marker Joint At 5486- - 5492'- . Drop Down To Depth, Set CBP At 7192', Pull Up And Shoot Stage 9 Douglas Creek Zone As Follows; 6999 - 7000, 7011 - 7012, 7019 - 7020, 7029 - 7030, 7057 - 7058, 7069 - 7070, 7083 - 7084, 7095 - 7096, 7127 - 7128, 7133 - 7134, 7159 - 7160, 7177 - 7178. 36 Holes. POOH. Verify On Surface All Shots Fired, LD Spent Gun. WSI And Secured.	
09:10	0.16	09:20	GOP	General Operations	Well Turned Over To HES, Pressure Test To 8500#, Equalize And Open To Well	
09:20	1.34	10:40	FRAC	Frac. Job	Stage 9 Douglas Creek Frac. Open Well, 1815 Psi ICP. Achieved BreakDown At 9.7 Bpm And 2536 Psi., Pumped 3600 Gals. 15% HCL While Dropping 72 Bio Balls. Flush Balls Away With 3% KCL To 10 Bbls. Over Bottom Perf. Volume, Saw Good Ball Action, S/D For 15 Min. After Surging Three Times To Let Balls Fall. Pumped 3% KCL Pad, S/D For ISIP After Stabilized Rate Of 70.9 Bpm And Pressure 3920 Psi., Isip 2122 Psi., .738 F.G., 23/36 Holes Open. Pumped 6 XL Stages With Hybor G 16 Fluid, 1# 100 Mesh, 1#, 2#, 3.0#, 3.5# And 4# 20/40 White Sand, 150#'s Scale Inhibitor Pumped In 2# Stage, SawGood XL(Maintained 20#) Throughout. Flush With 3% KCL 15 Bbls. Over Bottom Perf Volume. Pumped 127,735 Gals. 3% KCL, 65,930 Gals. Was X Link Fluid. 16,300#'s 100 Mesh And 133,000#'s 20/40 White Sand.Total Load To Recover 3252 Bbls.. ISDP 2513 Psi., .793 F.G., Max Rate 72.1 Bpm Max Pressure 4223 Psi. Avg Rate 70.9 Bpm Avg. Pressure 3741 Psi. WSI And Secured. Turn Over To W/L.	
10:40	0.25	10:55	CTUW	W/L Operation	W/L Arm And P/U Gun Into Lubr., N/U To Well, Equalize To Well Pressure With IPS.	
10:55	1.25	12:10	PFRT	Perforating	RIH With 3 1/8" PJ Omega Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To BAKER HUGHES RT EXPLORER/ MICRO LATERAL LOG (CZ-D/CNL/DACL) 12-11-2010 And BAKER HUGHES CBL/CCL/GR/VDL 01-28-2011, Found And Correlated To Marker Joint At 5486- - 5492'- . Drop Down To Depth, Set CBP At 6964', Pull Up And Shoot Stage 10 Douglas Creek/TGR3 Zone As Follows; 6677 - 6678, 6690 - 6691, 6698 - 6699, 6751 - 6752, 6793 - 6794, 6819 - 6820, 6857 - 6858, 6900 - 6902, 6923 - 6925, 6939 - 6941. 39 Holes. POOH. Verify On Surface All Shots Fired, LD Spent Gun. WSI And Secured.	
12:10	1.00	13:10	GOP	General Operations	W/L ShutDown And Secure Equipment	
13:10	16.83	06:00	DTIM	Downtime	WSI And Secured, SDFD	

Four Star 7-32 9/9/2011 06:00 - 9/10/2011 06:00

API/UWI 43-047-51285	State/Province Utah	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB)	Primary Job Type Recompletion
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Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.92	06:55	GOP	General Operations	HES Arrive On Location At 0500 Hrs., Start Equipment, Prime Chemicals And HHP, Had To RePack One Hole On HHP, Pressure Test To 9200#. Hold Safety Meeting. Scheduled To Pump At 0700 Hrs., Going Downhole At 0655 Hrs. 20 HES, 2 DELSCO, 1 BBC.
06:55	1.42	08:20	FRAC	Frac. Job	Stage 10 Douglas Creek/TGR3 Frac. Open Well, 1622 Psi ICP. Achieved BreakDown At 5.7 Bpm And 3062 Psi., Pumped 3900 Gals. 15% HCL While Dropping 78 Bio Balls. Flush Balls Away With 3% KCL To 10 Bbls. Over Bottom Perf. Volume, Saw Good Ball Action, S/D For 15 Min. After Surging Three Times To Let Balls Fall. Pumped 3% KCL Pad, S/D For ISIP After Stabilized Rate Of 70.5 Bpm And Pressure 4852 Psi., Isip 1692 Psi., .672 F.G., 16/39 Holes Open. Pumped 6 XL Stages With Hybor G 16 Fluid, 1# 100 Mesh, 1#, 2#, 3.0#, 3.5# And 4# 20/40 White Sand, 150#'s Scale Inhibitor Pumped In 2# Stage, SawGood XL(Maintained 20#) Throughout. Flush With 3% KCL 15 Bbls. Over Bottom Perf Volume. Pumped 145,921 Gals. 3% KCL, 68,384 Gals. Was X Link Fluid. 19,400#'s 100 Mesh And 159,600#'s 20/40 White Sand.Total Load To Recover 3704 Bbls.. ISDP 1930 Psi., .722 F.G., Max Rate 71.0 Bpm Max Pressure 4368 Psi. Avg Rate 69.8 Bpm Avg. Pressure 3764 Psi. WSI And Secured. Turn Over To W/L.
08:20	0.25	08:35	CTUW	W/L Operation	W/L Arm And P/U Gun Into Lubr., N/U To Well, Equalize To Well Pressure With IPS.
08:35	1.08	09:40	PFRT	Perforating	RIH With 3 1/8" PJ Omega Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To BAKER HUGHES RT EXPLORER/ MICRO LATERAL LOG (CZ-D/CNL/DACL) 12-11-2010 And BAKER HUGHES CBL/CCL/GR/VDL 01-28-2011, Found And Correlated To Marker Joint At 5486' - 5492'-. Drop Down To Depth, Set CBP At 6628', Pull Up And Shoot Stage 11 TGR3/L-3 Zone As Follows; 6415 - 6416, 6447 - 6448, 6462 - 6463, 6471 - 6472, 6489 - 6490, 6521 - 6522, 6566 - 6568, 6578 - 6580, 6588 - 6590, 6611 - 6612. 39 Holes. POOH. Verify On Surface All Shots Fired, LD Spent Gun. WSI And Secured.
09:40	0.25	09:55	GOP	General Operations	Well Turned Over To HES, Pressure Test To 8500#, Equalize And Open To Well
09:55	1.50	11:25	FRAC	Frac. Job	Stage 11 TGR3/L-3 Frac. Open Well, 1588 Psi ICP. Achieved BreakDown At 10.0 Bpm And 2058 Psi., Pumped 3900 Gals. 15% HCL While Dropping 78 Bio Balls. Flush Balls Away With 3% KCL To 10 Bbls. Over Bottom Perf. Volume, Saw Good Ball Action, S/D For 15 Min. After Surging Three Times To Let Balls Fall. Pumped 3% KCL Pad, S/D For ISIP After Stabilized Rate Of 64.8 Bpm And Pressure 5284 Psi., Isip 1373 Psi., .650 F.G., 13/39 Holes Open. Pumped 6 XL Stages With Hybor G 16 Fluid, 1# 100 Mesh, 1#, 2#, 3.0#, 3.5# And 4# 20/40 White Sand, 150#'s Scale Inhibitor Pumped In 2# Stage, SawGood XL(Maintained 20#) Throughout. Flush With 3% KCL 15 Bbls. Over Bottom Perf Volume. Pumped 145,012 Gals. 3% KCL, 76,822 Gals. Was X Link Fluid. 21,780#'s 100 Mesh And 158,040#'s 20/40 White Sand.Total Load To Recover 3674 Bbls.. ISDP 1708 Psi., .701 F.G., Max Rate 71.3 Bpm Max Pressure 4448 Psi. Avg Rate 70.3 Bpm Avg. Pressure 3559 Psi. WSI And Secured. Turn Over To W/L.
11:25	0.50	11:55	CTUW	W/L Operation	HES R/D Iron Off GoatHead, W/L P/U Setting Tool And CBP Into Lubr., N/U To Well, Equalize To Well Pressure With IPS.
11:55	0.84	12:45	PFRT	Perforating	RIH With 3 1/8" CCL, Baker 20 Setting Tool And HES FAS Driil CBP. Correlating To BAKER HUGHES RT EXPLORER/ MICRO LATERAL LOG (CZ-D/CNL/DACL) 12-11-2010 And BAKER HUGHES CBL/CCL/GR/VDL 01-28-2011, Found And Correlated To Marker Joint At 5486' - 5492'-. Drop Down To Depth, Set CBP At 6360', POOH, LD Tools. WSI And Secured.
12:45	3.25	16:00	SRIG	Rig Up/Down	HES And SLB RD Equipment And MOL.
16:00	14.00	06:00	DTIM	Downtime	WSI And Secured, SDFD.

Four Star 7-32 9/10/2011 06:00 - 9/11/2011 06:00

API/UWI 43-047-51285	State/Province Utah	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB)	Primary Job Type Recompletion
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Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	SRIG	Rig Up/Down	Road rig to nabors yard from the 13H-21,
08:30	4.00	12:30	DTIM	Downtime	Swab out rig pump & Hardline w/ new 1502
12:30	2.50	15:00	SRIG	Rig Up/Down	Move rig & equip to location & spot.
15:00	2.50	17:30	GOP	General Operations	Unload 330 Jts. of 2 7/8" L80 6.5# EUE Tbg.
17:30	12.50	06:00	LOCL	Lock Wellhead & Secure	WSI. SDFN

Four Star 7-32 9/11/2011 06:00 - 9/12/2011 06:00

API/UWI 43-047-51285	State/Province Utah	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB)	Primary Job Type Recompletion
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Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00			WSI.
08:00	0.50	08:30			JSA Safety Meeting
08:30	2.00	10:30			Dig to find anchor, RU w/o Rig.
10:30	3.00	13:30	BOPI	Install BOP's	Bled off Csg. ND Frac tree, NU 7 1/16" 5K Double gate, NU 7 1/16" 5K Mud Cross, NU 7 1/16" 5K Annular, Change out 4 1/2" rams to 2 7/8" Rams. lost 1 of the ram blocks during the move. Wait on BOP hand. & function test.
13:30	0.50	14:00			RU work Floor & Tbg. Equip.
14:00	3.00	17:00	RUTB	Run Tubing	PU 4 5/8" Chomp Mill, 2 7/8" POB sub, 1 Jt. 2 7/8" eue L80, XN-Nipple, 1 Jt., X-Nipple, Cont. PU tbg. 143 Jts. in.
17:00	0.50	17:30	GOP	General Operations	Secure well, SDFN
17:30	12.50	06:00	LOCL	Lock Wellhead & Secure	WSI.

Four Star 7-32 9/12/2011 06:00 - 9/13/2011 06:00						
API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-51285	Utah	Uintah	Aurora	PRODUCING		Recompletion

Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	LOCL	Lock Wellhead & Secure	WSI.
07:00	0.50	07:30	SMTG	Safety Meeting	JSA Safety Meeting
07:30	0.50	08:00	SRIG	Rig Up/Down	Spot & RU Foam N2 Unit.
08:00	0.50	08:30	RUTB	Run Tubing	Cont. P/U Tbg. Tag Kill Plug
08:30	9.00	17:30	CLN	Clean Out Hole	Load Tbg. @ 2 Bbls./min. Cut rate to 1 Bbls./min. Establish Circ. w/ rig pump @ 1 Bbls./min. Returning Thru Flowback manifold to Open top tank. Returning no more than 2 Bbls./min. Thru-out the drill out. Drill Plugs as Follows: Kill Plg. @ 6360' Csg.-#500 Plg. @ 6964', 15' of sand Csg.-#1200 Plg. @ 6628', 30' of sand Csg.-#700 Plg. @ 7192', 20' of sand Csg.-#700 Plg. @ 7430', 25' of sand Csg.-#750 Plg. @ 7642', 15' of sand Csg.-#600 Plg. @ 7888', 10' of sand Csg.-#700 Plg. @ 8143', 10' of sand Csg.-#700 Clean out to top of CIBP @ 8437', 15' of sand Csg.-#700 Circulate bottoms up. Increased Pump rate to 2 Bbls./min. and increased return rate to 3 Bbls./min. Cont. Flowing Csg. Total of 400 Bbls. Pumped for Drillout.
17:30	0.50	18:00	SRIG	Rig Up/Down	RD Swivel
18:00	0.50	18:30	PULT	Pull Tubing	Laydown 15 Jts.
18:30	11.50	06:00	FBCK	Flowback Well	Cont. Flowing Csg. to open top Tanks As of 05:30 Choke 32/64 FCP- BWRPH-60 BWRAP-2116 BWLTR-28466

Four Star 7-32 9/13/2011 06:00 - 9/14/2011 06:00						
API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-51285	Utah	Uintah	Aurora	PRODUCING		Recompletion

Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	FBCK	Flowback Well	Flowback to Open top
07:00	0.50	07:30	SMTG	Safety Meeting	JSA Safety Meeting



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
07:30	3.00	10:30	PULT	Pull Tubing	Cont. Lay down Tbg. To Landing Depth. pull 80 Stds. 41 Jts. still in hole. Top Kill Csg. w/ 60 Bbls. unsuccessful
10:30	19.50	06:00	FBCK	Flowback Well	cont. flowing Csg. to open top, Divert flow to sales @16:00.

Four Star 7-32 9/14/2011 06:00 - 9/15/2011 06:00

API/UWI 43-047-51285	State/Province Utah	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB)	Primary Job Type Recompletion
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Time Log																																																																																						
Start Time	Dur (hr)	End Time	Code	Category	Com																																																																																	
06:00	1.00	07:00	FBCK	Flowback Well	Flow back to open top																																																																																	
07:00	0.50	07:30	SMTG	Safety Meeting	JSA Safety Meeting																																																																																	
07:30	1.50	09:00	WKLL	Kill Well	Top Kill Csg. w/ 120 Bbls. Unsuccessful.																																																																																	
09:00	0.50	09:30	GOP	General Operations	Consult w/ Denver																																																																																	
09:30	2.00	11:30	TRIP	Tripping	TIH w/ Tbg., PU Hanger, Stage thru BOP stack. Land Tbg. As follows: Des: Tubing - ProductionSet Depth (ftKB): 6,343.6 Run Date: 2011/09/13 00:00 Pull Date: Tubing Components <table border="1"> <thead> <tr> <th>Jts (ft)</th> <th>Item Des Top (ftKB)</th> <th>OD (in)</th> <th>ID (in)</th> <th>Btm (ftKB)</th> <th>Wt (lb/ft)</th> <th>Grade</th> <th>Top Thread</th> <th>Len</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Tubing Hanger</td> <td>5 1/2</td> <td>2.441</td> <td>6.5</td> <td>L-80</td> <td></td> <td>0.4</td> <td>0.4</td> </tr> <tr> <td>198</td> <td>Tubing 2 7/8</td> <td>2.441</td> <td>6.5</td> <td>6,277.70</td> <td>L-80</td> <td>6,277.25</td> <td>0.4</td> <td></td> </tr> <tr> <td>1</td> <td>X Nipple</td> <td>2 7/8</td> <td>2.313</td> <td>6.5</td> <td>L-80</td> <td></td> <td>1.16</td> <td>6,277.70</td> </tr> <tr> <td>1</td> <td>Tubing 2 7/8</td> <td>2.441</td> <td>6.5</td> <td>6,278.80</td> <td>L-80</td> <td>31.72</td> <td>6,278.80</td> <td></td> </tr> <tr> <td>1</td> <td>XN Nipple</td> <td>2 7/8</td> <td>2.205</td> <td>6.5</td> <td>L-80</td> <td></td> <td>0.89</td> <td>6,310.50</td> </tr> <tr> <td>1</td> <td>Tubing 2 7/8</td> <td>2.441</td> <td>6.5</td> <td>6,311.40</td> <td>L-80</td> <td>31.72</td> <td>6,311.40</td> <td></td> </tr> <tr> <td>1</td> <td>Pump Off Bit Sub</td> <td>2 7/8</td> <td>2.441</td> <td>6.5</td> <td>L-80</td> <td></td> <td></td> <td>1.81</td> </tr> <tr> <td>1</td> <td>Chomp Mill</td> <td>4 5/8</td> <td></td> <td>6,343.30</td> <td></td> <td></td> <td>0.35</td> <td>6,343.30</td> </tr> </tbody> </table>	Jts (ft)	Item Des Top (ftKB)	OD (in)	ID (in)	Btm (ftKB)	Wt (lb/ft)	Grade	Top Thread	Len	1	Tubing Hanger	5 1/2	2.441	6.5	L-80		0.4	0.4	198	Tubing 2 7/8	2.441	6.5	6,277.70	L-80	6,277.25	0.4		1	X Nipple	2 7/8	2.313	6.5	L-80		1.16	6,277.70	1	Tubing 2 7/8	2.441	6.5	6,278.80	L-80	31.72	6,278.80		1	XN Nipple	2 7/8	2.205	6.5	L-80		0.89	6,310.50	1	Tubing 2 7/8	2.441	6.5	6,311.40	L-80	31.72	6,311.40		1	Pump Off Bit Sub	2 7/8	2.441	6.5	L-80			1.81	1	Chomp Mill	4 5/8		6,343.30			0.35	6,343.30
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1	Chomp Mill	4 5/8		6,343.30			0.35	6,343.30																																																																														
11:30	0.50	12:00	SRIG	Rig Up/Down	RD Tbg. equip. & work floor.																																																																																	
12:00	0.50	12:30	BOPR	Remove BOP's	ND BOP, NU Tree.																																																																																	
12:30	0.50	13:00	GOP	General Operations	Load Tbg. w/ fluid																																																																																	
13:00	1.50	14:30	WLWK	Wireline	MIRU Cutters E-Line. RIH w/ Perf guns loaded w/ 24 3.2gram charges 1/2" holes, Perforated Tbg. From 6340'-6346'. Pull out of hole all charges went off. RDMO E-Line.																																																																																	
14:30	1.00	15:30	FBCK	Flowback Well	Flowback tbg. Choke 32/64 FTP-150# SICP-300# BWPH-70																																																																																	
15:30	14.50	06:00	FBCK	Flowback Well	As of 05:30 Choke-32/64 FTP-100 SICP-400 BWPH-23 BWL24hrs.-767 BOPH-4 BOL24hrs.-60 BWRAF-3235 BWLTR-27347																																																																																	

Four Star 7-32 9/15/2011 06:00 - 9/16/2011 06:00

API/UWI 43-047-51285	State/Province Utah	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB)	Primary Job Type Recompletion
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Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	FBCK	Flowback Well	Flowing to sales.
07:00	0.50	07:30	SMTG	Safety Meeting	JSA Safety Meeting
07:30	7.50	15:00	SRIG	Rig Up/Down	RDMO w/o Rig. Stage equip. & Foam N2 Unit @ Fabrizio Yard in Duchesne.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
15:00	15.00	06:00	FBCK	Flowback Well	Cont. Flow Tbg. to sales.

Four Star 7-32 9/19/2011 06:00 - 9/20/2011 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-51285	Utah	Uintah	Aurora	PRODUCING		Recompletion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	RMOV	Rig Move	MVOE RIG IN FROM 6-12-46

Four Star 7-32 9/20/2011 06:00 - 9/21/2011 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-51285	Utah	Uintah	Aurora	PRODUCING		Recompletion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	GOP	General Operations	TARVEL
07:00	2.00	09:00	SRIG	Rig Up/Down	R/U N/D WELL HEAD N/U BOP
09:00	3.00	12:00	WKLL	Kill Well	KILL WELL
12:00	2.00	14:00	PULT	Pull Tubing	POOH W/198 JTS XN 1 JT X 1 JT BIT SUB & BIT
14:00	1.00	15:00	CTUW	W/L Operation	RIH W/ SLICK LINE TAG FILL NONE POOH R/D SLICK LINE TRUCK
15:00	3.00	18:00	RUTB	Run Tubing	RIH W/ TUBING AS FOLLOWS BULL PLUG 4 JTS DESANDER 4' S.N. 1 JT ANCHOR 197 JTS
18:00	1.00	19:00	BOPR	Remove BOP's	N/D BOP SET ANCHOR W/ 20,000# TENSION LAND TUBING MAKE UP WELL HEAD
19:00	11.00	06:00	LOCL	Lock Wellhead & Secure	DOWN TIL MORNING

Four Star 7-32 9/21/2011 06:00 - 9/22/2011 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-51285	Utah	Uintah	Aurora	PRODUCING		Recompletion

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	GOP	General Operations	TRAVEL
07:00	6.00	13:00	RURP	Run Rods & Pump	RIH AS FOLLOWS PICKING UP RODS PUMP 32 7/8 130 3/4 87 7/8 4' SUB 26' POLISH ROD
13:00	1.00	14:00	PTST	Pressure Test	FILL TUBING W/ 5 BBLS & TEST R/D
14:00	16.00	06:00	GOP	General Operations	ON PRODUCTION

Four Star 7-32 2/13/2012 06:00 - 2/14/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-51285	Utah	Uintah	Aurora	PRODUCING		Reconfigure Tubing/Components

Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	GOP	General Operations	TRAVEL
07:00	4.00	11:00	RMOV	Rig Move	MOVE IN R/U

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
11:00	3.00	14:00	RURP	Run Rods & Pump	UNSEAT PUMP FLUSH RODS 40 BBLS POOH W/ RODS ;LAY DOWN PUMP
14:00	3.00	17:00	IWHD	Install Wellhead	N/D WELL HEAD N/U 10 K FLANGE BOP RELEASE ANCHOR RIH W/ 21 JTS
17:00	13.00	06:00	LOCL	Lock Wellhead & Secure	DOWN TIL MORNING

Four Star 7-32 2/14/2012 06:00 - 2/15/2012 06:00

API/UWI 43-047-51285	State/Province Utah	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB)	Primary Job Type Reconfigure Tubing/Components
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	GOP	General Operations	TRAVEL
07:00	2.00	09:00	RUTB	Run Tubing	RIH PICKING UP 42 JTS TAG UP AT ABOUT 8401' LAY DOWN 9 JTS
09:00	2.00	11:00	BOPR	Remove BOP's	N/D BOP SET ANCHOR W/ 20K N/U WELL HEAD
11:00	1.00	12:00	HOIL	Hot Oil Well	FLUSH RODS W/ 65 BBLS R/U ROD EQ.
12:00	6.00	18:00	RURP	Run Rods & Pump	RIH W/ RODS AS FOLLOWS 1 3/4 PUMP SHEAR SUB 2' PONY 32 7/8 RODS 130 3/4 RODS 87 7/8 RODS 68 1" NEW OFF TRAILER 6' 2' 26' POLISH ROD HANG OFF R/D
18:00	12.00	06:00	GOP	General Operations	ON PRODUCTION

Four Star 7-32 6/6/2012 06:00 - 6/7/2012 06:00

API/UWI 43-047-51285	State/Province Utah	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB)	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	GOP	General Operations	TRAVEL
07:00	4.00	11:00	GOP	General Operations	MOVE IN R/U R/D P/U UNSEAT PUMP FLUSH RODS
11:00	3.00	14:00	PURP	Pull Rod Pump	POOH W/ RODS LAY DOWN PUMP
14:00	4.00	18:00	BOPI	Install BOP's	N/D WELL HEAD RELEASE ANCHOR N/U BOP POOH W/ 120 JTS
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	DOWN TIL MORNING

Four Star 7-32 6/7/2012 06:00 - 6/8/2012 06:00

API/UWI 43-047-51285	State/Province Utah	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB)	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	GOP	General Operations	TRAVEL
07:00	3.00	10:00	PULT	Pull Tubing	POOH W/ TUBING LAY DOWN BHA



Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
10:00	5.00	15:00	RUTB	Run Tubing	MAKE UP 4 3/4 BIT AND SUB RIH W/ TUBING TAG @ 8354' ABOUT 84' OF SAND ABOVE PLUG R/U PUMP AND SWIVEL PUMP 480 BBLs OF WATER WELL ON SUCK R/D SWIVEL POOH W/ 10 STANDS SWIFN	
15:00	15.00	06:00	LOCL	Lock Wellhead & Secure	DOWN TIL MORNING	

Four Star 7-32 6/8/2012 06:00 - 6/9/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-51285	Utah	Uintah	Aurora	PRODUCING		Recompletion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.00	07:00	GOP	General Operations	TRAVEL	
07:00	7.00	14:00	CLN	Clean Out Hole	R/U FOAM UNIT PUMP OIN WELL FOR 5 HRS NO CIRC R/D FOAM UNIT	
14:00	4.00	18:00	PULT	Pull Tubing	POOH W/ TUBING LAY DOWN BIT P/U BAILER RIH W/ 20 JTS	
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	DOWN TIL MORNING	

Four Star 7-32 6/9/2012 06:00 - 6/10/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-51285	Utah	Uintah	Aurora	PRODUCING		Recompletion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.00	07:00	GOP	General Operations	TRAVEL	
07:00	4.00	11:00	RUTB	Run Tubing	RIH W/ TUBING BAIL SAND UNABLE TO GET CLEAR DOWN ABOUT 8400'	
11:00	4.00	15:00	PULT	Pull Tubing	POOH W/ TUBING TEAR DOWN BAILER HAVE 3 JTS OF SAND	
15:00	4.00	19:00	RUTB	Run Tubing	P/U BIT RIH W/ BAILER TAG FILL AT 8420' TALLEY IN HOLE POOH W/ 10 JTS	
19:00	11.00	06:00	LOCL	Lock Wellhead & Secure	DOWN TIL MORNING	

Four Star 7-32 6/11/2012 06:00 - 6/12/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-51285	Utah	Uintah	Aurora	PRODUCING		Recompletion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.00	07:00	GOP	General Operations	TRAVEL	
07:00	7.00	14:00	CLN	Clean Out Hole	RIH W/ 10 JTS SWIVEL UP DRILL MAKE 36' OF HOLE KEEP GETTING STCK WORK FREE	
14:00	3.00	17:00	PULT	Pull Tubing	POOH W/ BIT HAVE 1 JT OF SAND BIT IS JUNK AND HAVE SCARS UP SIDE OF BAILER AND TUBING ABOUT 15'	
17:00	13.00	06:00	LOCL	Lock Wellhead & Secure	DOWN TIL MORNING	

Four Star 7-32 6/12/2012 06:00 - 6/13/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-047-51285	Utah	Uintah	Aurora	PRODUCING		Recompletion

Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	1.00	07:00	GOP	General Operations	TRAVEL	

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
07:00	5.00	12:00	RUTB	Run Tubing	RIH W/ NOTCH COLLAR AND BAILER TAG FILL @ 8420' ROTATE TUBING FALL THRU ABOUT 15' BAIL PULL BACK UP STACK OUT @ 8420' TURN AND FALL BACK DOWN TO 8437
12:00	4.00	16:00	PULT	Pull Tubing	POOH W/ TUBING FIND 10' OF SAND IN BAILER
16:00	14.00	06:00	GOP	General Operations	DOWN TIL MORNING

Four Star 7-32 6/13/2012 06:00 - 6/14/2012 06:00

API/UWI 43-047-51285	State/Province Utah	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB)	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	GOP	General Operations	TRAVEL
07:00	7.00	14:00	CTUW	W/L Operation	R/U WIRELINE RI W/ 40 ARM CALIPER STACK OUT @ 8420' WORK UP AND DOWN UNABLE TO GET THRU POOH R/U 10' EXSTENSION RIH UNABLE TO GET THRU POOH R/U 1 11/16 COLLAR LOCATOR RIH STACK OUT @ 8420 CHECK DEPTH W/ STAGGING TOOL AND SHORT JOINT POOH R/D DOWN WIRELINE
14:00	4.00	18:00	RUTB	Run Tubing	RIH W/ PRODUCTION TUBING SET ANCHOR W/ 20K TENSION
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	DOWN TIL MORNING

Four Star 7-32 6/14/2012 06:00 - 6/15/2012 06:00

API/UWI 43-047-51285	State/Province Utah	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB)	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	GOP	General Operations	TRAVEL
07:00	6.00	13:00	RURP	Run Rods & Pump	FLUSH TUBING W/ 60 BBLS RIH W/ 1 1/2 PUMP AND RODS SPACE OUT FILL TUBING W/ 30 BBLS AND TEST HANG OFF R/D
13:00	17.00	06:00	GOP	General Operations	ON PRODUCTION

Four Star 7-32 9/12/2012 14:29 - 9/13/2012 14:29

API/UWI 43-047-51285	State/Province Utah	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB)	Primary Job Type Rod Repair
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
14:29	1.00	15:29	RMOV	Rig Move	ROAD RIG TO LOCATION.
15:29	1.00	16:29	SRIG	Rig Up/Down	R/U RIG & EQUIPMENT.
16:29	1.00	17:29	GOP	General Operations	R/D HORSE HEAD. R/U ROD EQUIPMENT. L/D POLISH ROD.
17:29	1.00	18:29	PURP	Pull Rod Pump	POOH W/ 67 1" RODS, PARTED BELOW PIN. SDFN.
18:29	20.00	14:29	LOCL	Lock Wellhead & Secure	WELL SECURED. CREW TRAVEL

Four Star 7-32 9/13/2012 14:29 - 9/14/2012 14:29

API/UWI 43-047-51285	State/Province Utah	County Uintah	Field Name Aurora	Well Status PRODUCING	Total Depth (ftKB)	Primary Job Type Rod Repair
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
14:29	1.00	15:29	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
15:29	2.00	17:29	RURP	Run Rods & Pump	D & M PUMPING DOWN CSG. P/U OVERSHOT & RIH W/ 67- 1" RODS, LATCH ON TO RODS. UNSEAT PUMP. FLUSH TBG.
17:29	2.50	19:59	PURP	Pull Rod Pump	POOH W/ ROD PUMP.



Time Log					
Start Time	Dur (hr)	End Time	Code	Category	Com
19:59	4.50	00:29	RURP	Run Rods & Pump	P/U PUMP & PRIME. RIH W/ PUMP SPACE OUT & SEAT PUMP. TEST TBG TO 800 PSI, HELD. PUMP 25-RHBC-20-5-21-24'. SHEAR SUB. 32- 1" RODS. 130- 3/4" RODS. 87- 7/8" RODS. 68- 1" RODS. 8' PONY 2' PONY 26' POLISH ROD. HANG HORSE HEAD. PUT WELL ON PRODUCTION.
00:29	3.00	03:29	SRIG	Rig Up/Down	R/D RIG & EQUIPMENT. ROAD RIG TO 15-A1-E. SDFN.
03:29	11.00	14:29	CTRL	Crew Travel	CREW TRAVEL.